

NO-0109 913

DOLLAR SUMMARY OF FEDERAL SUPPLY CLASSIFICATION AND SERVICE CATEGORY BY C. (U) WASHINGTON HEADQUARTERS SERVICES (DOD) DC DIRECTORATE FOR INF. 1907

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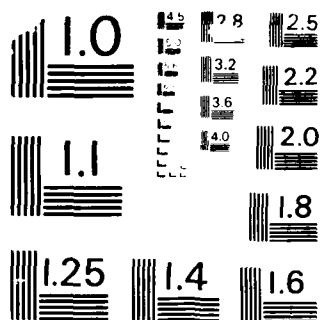
UNCLASSIFIED

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A 10x10 grid of squares, with the top-left square missing, forming a shape resembling a staircase or a corner.

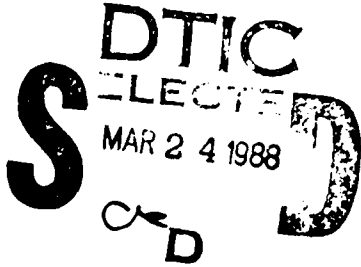


MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

DTIC FILE (1)

AD-A189 913

REPORT DOCUMENTATION PAGE

Unclassified		1b. RESTRICTIVE MARKINGS	
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2b. DECLASSIFICATION / DOWNGRADING SCHEDULE		Approved for public release	
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PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AB91	RESEARCH TRIANGLE INSTITUTE	N Carolina	ARMY	RDTE/OTHER COMMUNITY SVC&DEVELOP-RESEARCH	2,108
AB96	Y M C A OF THE UNITED STATES	Hawaii	NAVY	RDTE/OTHER COMMUNITY SVC&DEVELOP-MGMT&SUP	130
AC11	ALLIED-SIGNAL INC	Arizona	NAVY	RDTE/AIRCRAFT - RESEARCH	197
	ANALYTICAL METHODS INC	Washington	NAVY	RDTE/AIRCRAFT - RESEARCH	38
	BELL BOEING JV	Texas	NAVY	RDTE/AIRCRAFT - RESEARCH	368,609
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/AIRCRAFT - RESEARCH	919
	BOEING COMPANY THE	Washington	NAVY	RDTE/AIRCRAFT - RESEARCH	200
	CONSULTANTS CHOICE INC	Georgia	ARMY	RDTE/AIRCRAFT - RESEARCH	78
	CPT CORPORATION	Penn	NAVY	RDTE/AIRCRAFT - RESEARCH	56
	EAGLE TECHNOLOGY INC	Virginia	NAVY	RDTE/AIRCRAFT - RESEARCH	2,328
	ELECTROSPACE SYSTEMS INC	Florida	USAF	RDTE/AIRCRAFT - RESEARCH	53
	EUREKA LABORATORIES INC	California	NAVY	RDTE/AIRCRAFT - RESEARCH	274
	FAIRCHILD WESTON SYSTEMS INC	New York	USAF	RDTE/AIRCRAFT - RESEARCH	60
	FEDERAL AIRWAYS CORPORATION	California	USAF	RDTE/AIRCRAFT - RESEARCH	760
	GENERAL ELECTRIC COMPANY	Ohio	NAVY	RDTE/AIRCRAFT - RESEARCH	311
	GENERAL MOTORS CORPORATION	Indiana	NAVY	RDTE/AIRCRAFT - RESEARCH	27,478
	GENERAL RESEARCH CORPORATION	California	USAF	RDTE/AIRCRAFT - RESEARCH	755
	GRUMMAN AEROSPACE CORPORATION	New York	NAVY	RDTE/AIRCRAFT - RESEARCH	177
	HEIST ENGINEERING CO	Virginia	NAVY	RDTE/AIRCRAFT - RESEARCH	41
	INTERNATIONAL BUS MCHS CORP	New York	NAVY	RDTE/AIRCRAFT - RESEARCH	2,326
	KAMAN AEROSPACE CORPORATION	Conn	ARMY	RDTE/AIRCRAFT - RESEARCH	96
	LOCKHEED CORPORATION	Georgia	USAF	RDTE/AIRCRAFT - RESEARCH	105
	LOUISIANA TECH UNIVERSITY	Louisiana	NAVY	RDTE/AIRCRAFT - RESEARCH	70
	MASSACHSTTS INST OF TECHNOLOGY	Mass	USAF	RDTE/AIRCRAFT - RESEARCH	34
	MATERIALS RES COMPUTER SIMUL	California	NAVY	RDTE/AIRCRAFT - RESEARCH	50
	MC DONNELL DOUGLAS CORPORATION	Missouri	NAVY	RDTE/AIRCRAFT - RESEARCH	359-
			USAF	RDTE/AIRCRAFT - RESEARCH	2,866



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PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC11 (CONTINUED)					
	PIASECKI AIRCRAFT CORP	Penn	ARMY	RDTE/AIRCRAFT - RESEARCH	2,507
	PURDUE UNIVERSITY	Indiana	NAVY	RDTE/AIRCRAFT - RESEARCH	500
	RECON OPTICAL INC	Illinois	USAF	RDTE/AIRCRAFT - RESEARCH	61
	ROCKWELL INTERNATIONAL CORP	California	ARMY	RDTE/AIRCRAFT - RESEARCH	75
			NAVY	RDTE/AIRCRAFT - RESEARCH	147
			USAF	RDTE/AIRCRAFT - RESEARCH	21,069
					47-
					21,169
	ROLLS-ROYCE INC	Georgia	NAVY	RDTE/AIRCRAFT - RESEARCH	630
	SOUTHWEST RESEARCH INSTITUTE	California	NAVY	RDTE/AIRCRAFT - RESEARCH	63
		Texas	NAVY	RDTE/AIRCRAFT - RESEARCH	86
					149
					100
	SRI INTERNATIONAL	California	NAVY	RDTE/AIRCRAFT - RESEARCH	585
	UNITED TECHNOLOGIES CORP	Florida	NAVY	RDTE/AIRCRAFT - RESEARCH	585
	UNIVERSITY OF CALIFORNIA	California	NAVY	RDTE/AIRCRAFT - RESEARCH	4,950
	UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/AIRCRAFT - RESEARCH	359
	VIRGINIA PLYTECHNIC INST/ST UNI	Virginia	NAVY	RDTE/AIRCRAFT - RESEARCH	39
	WAGNER CASTINGS COMPANY	Illinois	NAVY	RDTE/AIRCRAFT - RESEARCH	328
	R&D TOTAL				436,467
	AC12 A C A INDUSTRIES INC	California	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	35
	AEROLIFT INC	Oregon	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	2,097
	ALLIED-SIGNAL INC	Arizona	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	322
		California	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	85
					407
	AVCO CORPORATION	Conn	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	185
		Mass	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	90

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC12 (CONTINUED)					
	CONTRACTOR TOTAL				
	BDM CORPORATION	New Mexico	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	275
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	97
	BOEING COMPANY THE	Penn	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	2,370
		Washington	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	2,790
			USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	611
					606
	STATE TOTAL				1,217
	CONTRACTOR TOTAL				
	DOW CORNING CORPORATION	Michigan	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	42
	ELECTRO RADIATION INC	New Jersey	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	243
	ESPRIT TECHNOLOGY INC	California	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	163
	GENERAL DYNAMICS CORPORATION	Texas	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	302
	GENERAL ELECTRIC COMPANY	Mass	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	545
			NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	847
	STATE TOTAL				767
		Ohio	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	1,614
	CONTRACTOR TOTAL				
	GENERAL MOTORS CORPORATION	Indiana	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	528
	GRUMMAN AEROSPACE CORPORATION	New York	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	50
	H R TEXTRON INC	California	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	164
	HONEYWELL INC	Florida	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	1,633
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	159
			USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	198
	STATE TOTAL				357
	I L C INDUSTRIES (DELAWARE)	Delaware	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	59
	LEAR SIEGLER INC	California	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	418

DEPARTMENT OF DEFENSE
PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT
FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC12 (CONTINUED)					
	LOCKHEED MISSILES & SPACE CO	California	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	53
	MARQUARDT COMPANY, THE	California	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	1,447
	MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	138
		California	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	71
		Missouri	NAVY USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	774 357
STATE TOTAL					1,131
CONTRACTOR TOTAL					1,340
	MC DONNELL DOUGLAS HELICOPTER	Arizona	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	228
	NORTHROP CORPORATION	California	NAVY USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	65 288
STATE TOTAL					353
	OHIO STATE UNIVERSITY	Ohio	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	30
	P C C TECHNICAL INDUSTRIES INC	Maryland	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	560
	ROCKWELL INTERNATIONAL CORP	Ohio	NAVY USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	198 92
STATE TOTAL					290
	ROLLS-ROYCE INC	Georgia	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	117
		UNITED KIN	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	187
CONTRACTOR TOTAL					304
	SCIENCE APPLICATIONS INTL CORP	California	NAVY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	66
		Ohio	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	945
CONTRACTOR TOTAL					1,011
	SCIPAR INCORPORATED	New York	USAF	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	250
	SIMULA INC	Arizona	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	52
	SURVICE ENGINEERING COMPANY	Maryland	ARMY	RDTE/AIRCRAFT - EXPLORATORY DEVELOPMENT	78

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC12 (CONTINUED)

TEXAS INSTRUMENTS INCORPORATED	Texas	ARMY	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	\$ 3,438
UNITED TECHNOLOGIES CORP	Conn	ARMY	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	1,261
		NAVY	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	1,816
STATE TOTAL					3,077
	Florida	NAVY	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	1,131
		USAF	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	2,473
STATE TOTAL					3,604
CONTRACTOR TOTAL					6,681
UNIVERSITY OF CALIFORNIA	California	USAF	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	98
UNIVERSITY OF DAYTON	Ohio	ARMY	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	114
		USAF	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	180
STATE TOTAL					294
VICKERS INCORPORATED	Miss	USAF	RDTE/AIRCRAFT -	EXPLORATORY DEVELOPMENT	88
R&D TOTAL					34,589
AC13 ALLIED-SIGNAL INC	Arizona	USAF	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	3,752
	California	USAF	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	400
CONTRACTOR TOTAL					4,152
ANALYTIC SCIENCES CORP THE	Ohio	USAF	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	506
ANALYTICAL METHODS INC	Washington	USAF	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	85
ANAMET LABORATORIES INC	Ohio	USAF	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	700
ARGOSYSTEMS INC	California	ARMY	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	45
ATLANTIC RESEARCH CORPORATION	Virginia	USAF	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	892
AVCO CORPORATION	Mass	USAF	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	100
BDM CORPORATION	Ohio	USAF	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	478
BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	710
BOEING COMPANY THE	Alabama	ARMY	RDTE/AIRCRAFT -	ADVANCED DEVELOPMENT	232

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC13 (CONTINUED)

	CONTRACTOR TOTAL				\$	
	CACI INTERNATIONAL INC	Kansas	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		353
	CENTURY COMPUTING INC	Washington	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		37,901
	CHARLES RIVER ANALYTICS INC	Virginia	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		38,486
	CONTROL DATA CORPORATION	Ohio	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		138
	ELDEC CORPORATION	Mass	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		437
	FAIRCHILD INDUSTRIES INC	Minnesota	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		120
	GENERAL APPLIED SCIENCE	Washington	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		160
	GENERAL DYNAMICS CORPORATION	New York	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		294
		New York	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		43,630-
		California	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		383
		Texas	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		450
	CONTRACTOR TOTAL					10,923
	GENERAL ELECTRIC COMPANY	Mass	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		11,373
		New York	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		599
			USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		1,400
	STATE TOTAL					134
		Ohio	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		1,534
			USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		1,831
	STATE TOTAL					110,982
	CONTRACTOR TOTAL					112,813
	GENERAL MOTORS CORPORATION	Indiana	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		114,946
	GRUMMAN AEROSPACE CORPORATION	New York	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		5,310
	HONEYWELL INC	Minnesota	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		8,103
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		1,386
	LEAR SIEGLER INC	Ohio	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT		258
						170

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC13 (CONTINUED)					
	LOCKHEED CORPORATION	California	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	470
			USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	64,216
		STATE TOTAL			64,686
		Georgia	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	4,753
					69,439
	CONTRACTOR TOTAL				179
	LOGICON INC	Ohio	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	427
	LTV AEROSPACE & DEFENSE CO	Texas	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	2,600
	MARTIN MARIETTA CORPORATION	Florida	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	334
	MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	600
		Maryland	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	153-
		Missouri	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	51,506
		USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	51,353	
		STATE TOTAL			360
		Washington	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	52,647
	CONTRACTOR TOTAL				54,133
	NORTHROP CORPORATION	California	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	56-
	NUCLEAR METALS INC	Mass	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	220
	QUAL-X INC	Ohio	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	37,735
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	90
	SEMCOR INC	New Jersey	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	495
		Penn	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	585
	CONTRACTOR TOTAL				500
	SIERRACIN CORPORATION	California	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	62
	SIMULA INC	Arizona	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	718
	TAU CORPORATION	California	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	4,387
	TELEDYNE INC	Ohio	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC13 (CONTINUED)					
	TELEDYNE INDUSTRIES INC	California	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	318
	TURBO POWER & MARINE SYSTEMS	Conn	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	195
	UNITED TECHNOLOGIES CORP	Conn	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	1,598
		Florida	ARMY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	314
			NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	1,312
			USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	122,600
	STATE TOTAL				124,226
	CONTRACTOR TOTAL				125,824
	VEDA INCORPORATED	Ohio	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	109
		Virginia	NAVY	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	891
	CONTRACTOR TOTAL				1,000
	WILLIAMS INTERNATIONAL CORP	Michigan	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	2,654
	XI MAGNETICS INC	Penn	USAF	RDTE/AIRCRAFT - ADVANCED DEVELOPMENT	70
	R&D TOTAL				499,239
AC14	A A I CORPORATION	Maryland	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	455
			USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	790
	STATE TOTAL				1,245
	AEROSTRUCTURES INC	Virginia	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	443
	ALLIED-SIGNAL INC	Arizona	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	9,015-
	AVCO CORPORATION	Conn	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	57,150
	BELL BOEING JV	Texas	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	6,664
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	2,071-
			NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	1,038
	STATE TOTAL				1,033-
	BIHRLE APPLIED RESEARCH INC	Virginia	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	309
	BOEING COMPANY THE	Alabama	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	8,800
		Kansas	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	1,092

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		
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AC14 (CONTINUED)

Penn	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT		\$	915
	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			150
	STATE TOTAL				1,065
Washington	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			285,915
	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			54,966
	STATE TOTAL				340,881
					351,838
	CONTRACTOR TOTAL				99
New York	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			2,570
New York	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			100
CANADA	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			58
Missouri	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			3,606
Texas	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			1,718-
New York	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			302
California	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			18,495
	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			18,797
	STATE TOTAL				3,490
Texas	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			22,287
	CONTRACTOR TOTAL				160
Florida	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			4,449
Mass	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			6,894
	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			11,343
	STATE TOTAL				46,182
Ohio	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			57,685
	CONTRACTOR TOTAL				450
Georgia	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			518,686
New York	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			2,209
New York	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT			

CONTRACTOR TOTAL

GEORGIA INSTITUTE TECHNOLOGY

GRUMMAN AEROSPACE CORPORATION

INTERNATIONAL BUS MCHS CORP

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC14 (CONTINUED)					
	LEAR SIEGLER INC	Michigan	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	\$ 405
	LIGHT HELICOPTER TURBIN ENG	Missouri	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	46,819
	LITTON SYSTEMS INC	California	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	158
	LOCKHEED CORPORATION	California	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	7,939
	LOCKHEED MISSILES & SPACE CO	Texas	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	51,750
	LOGICON INC	Ohio	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	251
	LOGISTICS MANAGEMENT ENGRG	Maryland	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	100
			NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	324
		STATE TOTAL			424
	LORAL CORPORATION	New York	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	1,129
	MARQUARDT COMPANY, THE	California	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	728
	MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	6,629
		California	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	184,816
			USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	680,077
		STATE TOTAL			864,893
		Missouri	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	63,163
			USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	21,147
		STATE TOTAL			84,310
	CONTRACTOR TOTAL				955,832
	MIDWEST RESEARCH INSTITUTE	Missouri	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	265
	NORMALAIR-GARRETT LTD	UNITED KIN	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	72
	NORTHWESTERN MOTOR CO	Wisconsin	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	311
	PACER SYSTEMS INC	Penn	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	90
	PPG INDUSTRIES INC	Alabama	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	345
	RAYMOND ENGINEERING INC	Conn	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	409
	REFLECTONE INC	Florida	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	607

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC14 (CONTINUED)					
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	85,927
	SATCON TECHNOLOGY CORPORATION	Mass	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	50
	SCIENCE APPLICATIONS INTL CORP	Ohio	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	3,217
	SINGER COMPANY THE	Conn	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	845
		Ohio	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	148
	CONTRACTOR TOTAL				993
	STENCEL AERO ENGINEERING CORP	Arizona	NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	57
	STG ELECTROSYSTEMS INC	Missouri	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	476
	UNISYS CORPORATION	Virginia	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	31
	UNITED AIRLINES SERVICES CORP	Colorado	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	669
	UNITED TECHNOLOGIES CORP	Conn	ARMY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	2,002
			NAVY	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	23,822
			USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	58,165
	STATE TOTAL				83,989
	UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/AIRCRAFT - ENGINEERING DEVELOPMENT	350
	R&D TOTAL				2,256,926
AC15	AEROSPATIALE HELICOPTER CORP	Texas	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	344
	ANALYSIS & SIMULATION INC	New York	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	62
	ANALYTIC DECISION INC	Ohio	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	34
	AVCO CORPORATION	Conn	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	784
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	9,766
	BOEING COMPANY THE	Kansas	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	849
		Washington	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	3,888
	CONTRACTOR TOTAL				4,737
	CALSPAN CORPORATION	Ohio	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	493
	COLLINS INTERNATIONAL SV CO	Ohio	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	134

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC15 (CONTINUED)					
	DECISION-SCIENCE APPLICATIONS	Virginia	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	50
	E SYSTEMS INC	Texas	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	3,346
	ELECTROSPACE SYSTEMS INC	Ohio	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	161
		Texas	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	4,065
	CONTRACTOR TOTAL				4,226
	FLIGHT SYSTEMS INC	California	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	1,009
	GENERAL DYNAMICS CORPORATION	New Mexico	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	200-
		Texas	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	13,188
	CONTRACTOR TOTAL				12,988
	GENERAL ELECTRIC COMPANY	Ohio	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	1,100
	HELITUNE INC	Virginia	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	40
	HEXSTAR INC	California	NAVY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	30
	HUGHES AIRCRAFT COMPANY	Arizona	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	477
		California	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	197
	CONTRACTOR TOTAL				674
	INTERNATIONAL BUS MCHS CORP	New York	NAVY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	595
	JOSLYN DEFENSE SYSTEMS INC	Vermont	NAVY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	2,536
	KARTA TECHNOLOGY INC	Texas	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	48
	LOCKHEED CORPORATION	California	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	1,000
	LORAL CORPORATION	New York	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	6,000
	MC DONNELL DOUGLAS CORPORATION	Missouri	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	30,614
	ORLANDO HELICOPTER AIRWAYS	Florida	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	1,992
	RAYTHEON COMPANY	California	NAVY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	345-
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	33,056
		Ohio	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	483

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC15 (CONTINUED)					
	CONTRACTOR TOTAL				
	SCIENTIFIC-ATLANTA INC	Virginia	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	33,539
	SCOPE INCORPORATED	Virginia	NAVY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	65
	STRATEGIC RESEARCH & MGT SVS	Ohio	USAF	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	1,297
	UNITED TECHNOLOGIES CORP	Conn	ARMY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	190
			NAVY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	206
	STATE TOTAL				10,856
					11,062
					11,959
					23,021
	CONTRACTOR TOTAL				
	VEDA INCORPORATED	Virginia	NAVY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	394
	WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/AIRCRAFT - OP SYSTEMS DEVELOPMENT	5,500
	R&D TOTAL				146,263
	AC16 A P A OPTICS INC	Minnesota	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	75
	ADVANCED COMPOSITE PRODUCTS	Conn	ARMY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	81
			USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	370
	STATE TOTAL				451
	ADVANCED TECHNOLOGY & RES	Maryland	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	59
	AERODYNE PRODUCTS CORPORATION	Mass	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	50
	AEROPHYSICS RESEARCH CORP	Washington	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	158
	ALLIED-SIGNAL INC	Arizona	NAVY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	630
	AMERICAN RES CORP VIRGINIA	Virginia	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	49
	ANALYSIS & SIMULATION INC	New York	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	260
	ANALYTICAL METHODS INC	Washington	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	110
	ARNCO	Tennessee	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	45
	ASTRON RESEARCH & ENGINEERING	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	71
	ASTRONICS CORPORATION	Ohio	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	47

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC16 (CONTINUED)					
	BARRON ASSOCIATES INC	Virginia	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	55
	BATTERY ENGINEERING	Mass	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	53
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	190
	BEND RESEARCH INC	Oregon	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	140
	BIHRLE APPLIED RESEARCH INC	New York	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	84
	BOEING COMPANY THE	Kansas	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	67
	BREWER SCIENCE INC	Missouri	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	49
	BROWN JOHN ASSOCIATES INC	New Jersey	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	75
	CALSPAN CORPORATION	New York	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	996
	CAPE COD RESEARCH INC	Mass	NAVY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	67
	CERAMATEC INC	Utah	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	48
	CORION TECHNOLOGY INC	Mass	ARMY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	54
	CSA ENGINEERING INC	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	49
	DISPLAYTECH INC	Colorado	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	50
	DWA COMPOSITE SPECIALTIES INC	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	56
	FAILURE ANALYSIS ASSOCIATES	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	49
	FLUORO CHEM CORP	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	185
	FOSTER-MILLER INC	Mass	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	516
	GENERAL DYNAMICS CORPORATION	Texas	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	291
	GENERAL TECHNOLOGY CORP	Penn	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	53
	HUGHES AIRCRAFT COMPANY	California	NAVY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	2,650
	I A P RESEARCH INC	Ohio	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	51
	KOFORD ENGINEERING	Illinois	ARMY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	50
	LASER TECHNOLOGIES INC	Michigan	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	48
	LOCKHEED CORPORATION	Georgia	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	200

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC16 (CONTINUED)					
	MANAGEMENT SUPPORT ORP	Washington	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	\$ 38
	MATERIALS INNOVATION LABS	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	250
	MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	75
		Missouri	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	463
	CONTRACTOR TOTAL				538
	MEASUREMENT TECHNOLOGY	Washington	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	250
	METCUT RESEARCH ASSOCIATES,	Ohio	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	477
	METRON INC	Penn	NAVY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	87
		Virginia	NAVY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	560
	CONTRACTOR TOTAL				647
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	175
	NIELSEN ENGINEERING AND RES	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	60
	P D A ENGINEERING	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	99
	PACER SYSTEMS INC	Penn	NAVY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	145
	PCR INS	Florida	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	50
	PHYSICAL RESEARCH INC	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	190
	PHYSICAL SCIENCES INC	Mass	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	49
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	385-
	SCIENTIFIC COMPUTING ASSOC	Conn	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	269
	SCIENTIFIC RESEARCH ASSOC	Conn	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	42
	SIMULA INC	Arizona	ARMY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	150
	SPACE POWER INCORPORATED	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	250
	SPARTA INC	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	300
	SPIRE CORPORATION	Mass	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	370
	STRAIN OPTIC TECHNOLOGIES INC	Penn	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	51

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC16 (CONTINUED)					
	STRUCTURAL INTEGRITY ASSOC	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	\$ 325
	SVERDRUP TECHNOLOGY INC	Tennessee	NAVY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	409
	SYSTOLIC SYSTEMS INC	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	155
	SYSTRAN CORP	Ohio	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	132
	TACAN CORPORATION	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	50
	TELEDYNE INDUSTRIES INC	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	117
	TERRA TEK INC	Utah	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	49
	TEXTILE TECHNOLOGIES INC	Penn	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	47
	UNITED TECHNOLOGIES CORP	Conn	NAVY	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	48
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	50
	VATELL CORPORATION	Virginia	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	111
	VERAC INCORPORATED	California	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	198
	VIGYAN RESEARCH ASSOCIATES INC	Virginia	USAF	RDTE/AIRCRAFT - MANAGEMENT & SUPPORT	220
	R&D TOTAL				14,055
AC21	A A I CORPORATION	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	600
	AEROJET GENERAL CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	1,566
	AEROJET TECHSYSTEMS CO	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	1,400
	ALABAMA CRYOGENIC ENGINEERING	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	50
	AMERASIA TECHNOLOGY INC	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	250
	ARROW ELECTRONICS INC	Indiana	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	29
	AVCO CORPORATION	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	768
	CALIFORNIA INST OF TECHNOLOGY	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	28
	ENERGY OPTICS INC	New Mexico	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	47
	EPOCH ENGINEERING INC	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	45
	EUROMISSILE	FRANCE	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	480

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
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AC21 (CONTINUED)

GENERAL DYNAMICS CORPORATION	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	\$	550
GENERAL ELECTRIC COMPANY	Vermont	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		95
GOULD INC	Ohio	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		62
HERCULES DEFENSE ELECT SYS INC	Florida	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		300
HONEYWELL INC	Minnesota	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		90
HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		918
		NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		250
	STATE TOTAL				1,168
INTERNATL ELECTRONIC RSRCH	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		33
ITHACO INC	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		99
KAMAN AEROSPACE CORPORATION	Conn	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		5,200
KAMAN SCIENCES CORPORATION	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		313
KLM TECHNOLOGIES INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		52
LOCKHEED CORPORATION	Georgia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		365
LTV AEROSPACE & DEFENSE CO	Texas	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		603
MARTIN MARIETTA CORPORATION	Florida	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		2,211
MASSACHSTTS INST OF TECHNOLOGY	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		100
		USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		31
	STATE TOTAL				131
MC DONNELL DOUGLAS CORPORATION	Missouri	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		438
MINE SAFETY APPLS COMPANY	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		40-
MORTON THIOKOL INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		113
	Utah	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		443
					556
CONTRACTOR TOTAL					1,334
NORTHROP SERVICES INC	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		78
NORTHWESTERN UNIVERSITY	Illinois	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC21 (CONTINUED)

OPTIMETRICS INC	Michigan	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH	\$	150
PAN-A-LITE PRODUCTS, INC	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		82
POLYTECHNIC UNIV OF NEW YORK	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		92
RADAR TECHNOLOGY INC	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		77
RICE WILLIAM MARSH UNIVERSITY	Texas	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		68
ROCKWELL INTERNATIONAL CORP	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		850
SCIENCE & TECHNOLOGY ASSOC	Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		1,000
SILICON DESIGNS INC	Washington	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		441
SUNDSTRAND CORPORATION	Illinois	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		561
TEXAS INSTRUMENTS INCORPORATED	Texas	ARMY NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		1,627 240
STATE TOTAL					1,867

ULTRAMET	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		50
UNITED SPACE BOOSTERS, INC	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		101
UNITED TECHNOLOGIES CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		578
UNIVERSITY OF DAYTON	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		1,668
UNIVERSITY OF ILLINOIS	Illinois	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		250
UNIVERSITY OF ROCHESTER	New York	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		200
UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY NAVY	RDTE/MISSILE AND SPACE SYSTEMS-RESEARCH		10,196 1,700
STATE TOTAL					11,896

VIRGINIA PLYTHNIC INST/ST UNI

R&D TOTAL

AC22	ADVANCED RES & APPLICATIONS	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50
	AEROJET GENERAL CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	672
	AEROJET SOLID PROPULSION CO	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	1,995
					39,009

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC22 (CONTINUED)

AEROJET TECHSYSTEMS CO	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	\$	793
AEROSPACE DESIGN & DEV	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		50
AEROSPACE SYSTEMS INCORPORATED	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		49
ALABAMA CRYOGENIC ENGINEERING	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		50
ALLIED-SIGNAL INC	New Jersey	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		280
AMERICAN HI QUALITY	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		109
AMERICAN SCIENCE & ENGRG	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		50
ANATECH INTERNATIONAL CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		50
APPLIED ORDNANCE TECHNOLOGY	Maryland	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		50
ASSURANCE TECHNOLOGY CORP	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		1,829
ASTRONAUTICS CORP AMERICA	Wisconsin	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		58
ATLANTIC RESEARCH CORPORATION	Virginia	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		1,414
AVCO CORPORATION	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		225
BALL CORPORATION	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		1,504
BEECH AIRCRAFT CORPORATION	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		200
BOEING COMPANY THE	Washington	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		1,542
		NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		207
		USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		906
					2,655
STATE TOTAL					
CALIFORNIA INST OF TECHNOLOGY	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		208
CELCO INDUSTRIES INC	New Jersey	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		275
CHEMICAL DYNAMICS CORP	Maryland	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		100
COLORADO STATE UNIVERSITY	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		50
COMPUTER SCIENCES CORPORATION	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		1,660
CONTROL DYNAMICS COMPANY	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		150
DEFENSE SYSTEMS INC	Virginia	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		127

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC22 (CONTINUED)					
	DOW CHEMICAL COMPANY, THE	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	353
	DRAPER CHARLES STARK LAB INC	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	229
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	252
	STATE TOTAL				481
	ENERGY SCIENCE LABORATORIES	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50
	FIBER MATERIALS INC	Maine	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	624
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	200
	STATE TOTAL				824
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	912
	FOSTER-MILLER INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50
	GENERAL DYNAMICS CORPORATION	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	1,500
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	542
	STATE TOTAL				2,042
	GENERAL ELECTRIC COMPANY	Penn	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	7,001
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	498
	STATE TOTAL				7,499
	GRUMMAN AEROSPACE CORPORATION	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	30
	HERCULES INCORPORATED	Maryland	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	1,106
		Texas	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	84
		Utah	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	1,655
		W Virginia	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	792
	CONTRACTOR TOTAL				3,637
	HERSH ACOUSTICAL ENGINEERING	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	150
	HI-SHEAR CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	67
	HIBBITT, KARLSSON & SORESENSEN	Rhode Isld	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	26
	HONEYWELL INC	Minnesota	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	438
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	6,556

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC22 (CONTINUED)					
					\$
		STATE TOTAL			7,225
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	57
	INNOVATIVE SYSTEMS CONS	Puerto Rico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50
	INTEGRATED SYSTEMS, INC	California	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50 512
		STATE TOTAL			562
	ITT CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50
	KAMAN SCIENCES CORPORATION	New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	194
	L' GARDE, INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	321
	LEAR SIEGLER INC	Michigan	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	495
	LITTON SYSTEMS INC	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	8,406
	LOCKHEED CORPORATION	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	100
	LOCKHEED MISSILES & SPACE CO	California	NAVY USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	230 275
		STATE TOTAL			505
	LOUISIANA STATE UNIVERSITY	Louisiana	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	90
	LTV AEROSPACE & DEFENSE CO	Texas	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	791 5,309
		STATE TOTAL			6,100
	MARQUARDT COMPANY, THE	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	40
	MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	326
	MATERIAL CONCEPTS INC	Ohio	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	231
	MATERIALS SCIENCE CORP	Penn	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	125
	MAYO FOUNDATION	Minnesota	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	500
	MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	213

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	--R&D DESCRIPTION--	
AC22 (CONTINUED)					
	CONTRACTOR TOTAL				\$
	MECHANICAL TECHNOLOGY INC	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	326
	MORTON THIOKOL INC	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	539
		Utah	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	101
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	380
	CONTRACTOR TOTAL				2,244
	MOTOROLA INC	Arizona	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	2,624
	NATIONAL TECHNICAL SYSTEMS	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	421
	NIELSEN ENGINEERING AND RES	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50
	OPTIMIZATION INCORPORATED	Virginia	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	317
	P D I TECHNOLOGY, INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	168
	PENNSYLVANIA STATE UNIV	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50
	PHOTON RESEARCH ASSOCIATES INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	40
	PHYSICAL SCIENCES INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	377
	PRINCETON UNIVERSITY	New Jersey	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	150
	RAYTHEON COMPANY	Mass	NAVY USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	45 575 899
	STATE TOTAL				1,474
	REFRACTORY COMPOSITES INC	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	32
	ROCKCOR INC	Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	79
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	8,797
	S T D RESEARCH CORPORATION	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	400
	SAN DIEGO STATE UNIV FOUNDATN	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	120
	SANDERS ASSOCIATES INC	N.H.	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	72
	SCIENTIFIC RESEARCH ASSOC	Conn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	313

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC22 (CONTINUED)

SOFTWARE AND ENGRG ASSOC	Nevada	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	\$	239
SOUTHEASTERN CTR ELEC ENG ED	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		196
SPACE POWER INCORPORATED	Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		186
SPECTRA TECHNOLOGY INC	Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		37
SRI INTERNATIONAL	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		259
SRS TECHNOLOGIES	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		150
SVERDRUP TECHNOLOGY INC	Tennessee	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		192
TESCO INC	Tennessee	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		71
TEXAS A & M UNIVERSITY SYSTEM	Texas	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		37
TEXAS INSTRUMENTS INCORPORATED	Texas	NAVY USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		149 50
	STATE TOTAL				199
TEXTRON INC	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		1,734
TRW INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		1,831
UNITED TECHNOLOGIES CORP	California	NAVY USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		1,247 1,346
	STATE TOTAL				2,593
	CONTRACTOR TOTAL				100
	Conn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		750
	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		3,443
UNIVERSITY OF ALABAMA	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		71
UNIVERSITY OF ARIZONA	Arizona	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		33
UNIVERSITY OF CALIFORNIA	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		748
UNIVERSITY OF CHICAGO, THE	Illinois	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		139
UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		127
UNIVERSITY OF ILLINOIS	Illinois	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV		56

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC22 (CONTINUED)					
	UNIVERSITY OF OREGON	Oregon	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	134
	UNIVERSITY OF PENNSYLVANIA	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	51
	UNIVERSITY OF SAN FRANCISCO	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	29
	UNIVERSITY OF SOUTHERN CALIF	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	90
	UNIVERSITY OF UTAH	Utah	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	80
	VIRGINIA PLYTHNIC INST/ST UNI	Virginia	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	138
	WALKER JAMES CO INC THE	W Virginia	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	235
	WESTINGHOUSE ELECTRIC CORP	Penn	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	68-
	WICKMAN SPCRAFT PRPLSION CO	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	50
	WILLIAMS INTERNATIONAL CORP	Michigan	USAF	RDTE/MISSILE AND SPACE SYSTEMS-EXPLOR DEV	240
	R&D TOTAL				83,485
AC23 A T & T TECHNOLOGIES INC					
	ACCYS TECHNOLOGY INC	Arizona	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	85-
	ACUREX CORPORATION	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	77
		California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	9,931
		Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,489
	CONTRACTOR TOTAL				13,420
	ADROIT SYSTEMS INC	Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	ADVANCED DECISION SYSTEMS	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,650
	ADVANCED SYSTEMS TECHNOLOGIES	Colorado	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	48
	AEROJET ELECTROSYSTEMS CO	California	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,217 2,600
	STATE TOTAL				3,817
	AEROJET GENERAL CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	5,978
	AEROJET SOLID PROPULSION CO	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,907
	AEROJET TECHSYSTEMS CO	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	826

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC23 (CONTINUED)					
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	\$ 3,451
	STATE TOTAL				4,277
	AEROMET INC	Oklahoma	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	72
	ALLIED-SIGNAL INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,344
		Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	7,326
	CONTRACTOR TOTAL				10,670
	ALPHATECH INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,061
	ALUMINUM COMPANY OF AMERICA	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	814
	ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	898
	ANALYTICS INCORPORATED	Penn	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	APPLICATIONS RESEARCH CORP	Ohio	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	203
	APPLIED RESEARCH ASSOCIATES	N Carolina	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	61
	APPLIED RESEARCH INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,546
	APEK INC	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	400
	ASTRO INNOVATIONS INC	Penn	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	52
	ASTRON RESEARCH & ENGINEERING	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	69
	ASTRONAUTICS CORP AMERICA	Wisconsin	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,381
	ATLANTIC RESEARCH CORPORATION	Virginia	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	160
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,056
	STATE TOTAL				2,216
	ATSS INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	175
	AUBURN UNIVERSITY	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	126
	AUTOMATED SCIENCES GROUP INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	4,284
	AVCO CORPORATION	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	5,667
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	12,306
	STATE TOTAL				17,973

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC23 (CONTINUED)					
	BARNES ENGINEERING COMPANY	Conn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	219
	BATTELLE MEMORIAL INSTITUTE	Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	398
	BDM CORPORATION	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	10,062
		New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,053
		Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	775
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	125
	STATE TOTAL				900
	CONTRACTOR TOTAL				12,015
	BDM MANAGEMENT SERVICES CO	New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	660
	BENDIX FIELD ENGINEERING CORP	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	15,347
	BIO-IMAGING RESEARCH INC	Illinois	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	41
	BOEING COMPANY THE	Kansas	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	417
		Washington	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	145,282
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	48,168
	STATE TOTAL				193,450
	CONTRACTOR TOTAL				193,867
	BRIMROSE CORP OF AMERICA	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	94
	BUSINESS TECHNOLOGICAL SYSTEMS	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	48
	CALSPAN CORPORATION	New York	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	445
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	628
	STATE TOTAL				1,073
	CAPE COD RESEARCH INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	135
	CARNEGIE-MELLON UNIVERSITY	Penn	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	385
	CAS INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	240
	CENTER FOR REMOTE SENSING	Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	44
	CHIRP CORP	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	CLEMSON UNIVERSITY	S Carolina	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC23 (CONTINUED)					
	COLEMAN RESEARCH CORPORATION	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	\$ 725
		Florida	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	139 47
	STATE TOTAL				186
	CONTRACTOR TOTAL				911
	COLSA INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	23,325
	COMPUTER SCIENCES CORPORATION	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	4,376
	CONTROL DATA CORPORATION	Minnesota	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	4,062
	COSYDE GIE	FRANCE	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,521
	CREARE RESEARCH & DEVELOPMENT	N.H.	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	607
	CRYO-POWER ASSOCIATES	New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	57
	CRYSTAL SYSTEMS INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	48
	CRYSTALLUME	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	DELTA RESEARCH INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,763
	DRAPER CHARLES STARK LAB INC	Mass	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	4,877 18,757
	STATE TOTAL				23,634
	DWA COMPOSITE SPECIALTIES INC	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	104
	DYNETICS INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	4,284
	E C CORPORATION	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	194
	E-TEK DYNAMICS INC	Florida	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	51
	EHRENPREIS DAVID B	New Jersey	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	456
	ELECTRO-MAGNETIC APPLICATION	New Mexico	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	129
	ELECTRO-OPTIK CORPORATION	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	425
	ELECTROMAGNETIC LAUNCH RES	Mass	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	400 300

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
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AC23 (CONTINUED)

STATE TOTAL					\$
ENERGY CONVERSION DEVICES INC	Michigan	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	700
ENERGY MATERIALS RESEARCH	California	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	51
ENFITEK INC	Texas	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	55
ENGINEERING & ECONOMICS RES	Alabama	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	50
EXTREL CORPORATION	Penn	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	173
FAIRCHILD WESTON SYSTEMS INC	Penn	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	48
FEDERAL DATA SYSTEMS INC	California	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	2,938
FIBER MATERIALS INC	Maine	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	511
FMC CORPORATION	Minnesota	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	817
FORD ARSPACE COMMUNICATIONS CORP	California	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	300
FOSTER-MILLER INC	Mass	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	3,019
FRONTIER ENGINEERING INC	California	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	392
	Oklahoma	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	250
					46
CONTRACTOR TOTAL					296
G T E LABORATORIES INC	Mass	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	500
G T. DEVICES, INC	Virginia	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	1,392
GA TECHNOLOGIES INC	California	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	692
GELTECH INC	Florida	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	50
GENERAL ELECTRIC COMPANY	Mass	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	14,284
	New York	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	284
	Penn	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	10,673
CONTRACTOR TOTAL					25,241
GENERAL MOTORS CORPORATION	California	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	1,105
GENERAL RESEARCH CORPORATION	Alabama	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ADV DEVEL	7,868

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC23 (CONTINUED)					
	CONTRACTOR TOTAL				
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	250
	GRUMMAN AEROSPACE CORPORATION	New York	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	8,118
	GTE PRODUCTS CORP DEL CORP	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	136-
	HERCULES INCORPORATED	Utah	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,443
	HOKENSON COMPANY THE	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	9,425
	HONEYWELL INC	Florida	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,516
	STATE TOTAL				
	Minnesota	Minnesota	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	960
	STATE TOTAL				
	CONTRACTOR TOTAL				400
	HUBB SYSTEMS INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,000
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	48
	STATE TOTAL				
	I A P RESEARCH INC	Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	430
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,463
	INTEGRATED SYSTEMS, INC	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,893
	INTELLIGENT AUTOMATION, INC	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,418
	INTERMAGNETICS GENERAL CORP	Conn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	385
	INTERNATIONAL SOFTWARE SYSTEMS	Texas	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,803
	STATE TOTAL				
	CONTRACTOR TOTAL				
	HUBB SYSTEMS INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	5,696
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	49
	STATE TOTAL				
	I A P RESEARCH INC	Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	6,059
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	5,505
	INTEGRATED SYSTEMS, INC	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	11,564
	INTELLIGENT AUTOMATION, INC	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	856
	INTERMAGNETICS GENERAL CORP	Conn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	442
	INTERNATIONAL SOFTWARE SYSTEMS	Texas	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	90
	STATE TOTAL				
	CONTRACTOR TOTAL				
	HUBB SYSTEMS INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	45
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	270
	STATE TOTAL				
	CONTRACTOR TOTAL				
	I A P RESEARCH INC	Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	99
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	
	INTEGRATED SYSTEMS, INC	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	
	INTELLIGENT AUTOMATION, INC	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	
	INTERMAGNETICS GENERAL CORP	Conn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	
	INTERNATIONAL SOFTWARE SYSTEMS	Texas	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC23 (CONTINUED)

IONIC ATLANTA INCORPORATED	Georgia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	\$ 131
IRVINE SENSORS CORPORATION	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	98
ITEK CORPORATION	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	576
KAMAN SCIENCES CORPORATION	Colorado	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	3,669
L. GARDE, INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	2,847
LASER SCIENCE, INC	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	110
LAWRENCE LIVERMORE LABORATORY	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	33
LINCOM CORP (NOT INC)	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	36
LITTER DAVID LABORATORIES INC	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	256
LITTLE ARTHUR D INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	3,119
LITTON SYSTEMS INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	12,640
	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	75
CONTRACTOR TOTAL					12,715
LOCKHEED CORPORATION	New Jersey	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	115-
LOCKHEED MISSILES & SPACE CO	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	350
	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	85,019
	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	17,784	
STATE TOTAL					102,803
CONTRACTOR TOTAL					103,153
LTV AEROSPACE & DEFENSE CO	Texas	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	40,115
	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	11,545	
STATE TOTAL					51,660
MARK RESOURCES INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	197
MARTIN MARIETTA CORPORATION	Colorado	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	2,963
	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV	DEVEL	3,547	
STATE TOTAL					6,510

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC23 (CONTINUED)					
	CONTRACTOR TOTAL				\$ 733-
	MATERIAL CONCEPTS INC	Florida	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	5,777
	MAXWELL LABORATORIES INC	Ohio	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	100
	MAYO FOUNDATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	37
	MC DONNELL DOUGLAS CORPORATION	Minnesota	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,750
		Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	913
		California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	68,789
		USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	25,413	
	STATE TOTAL				94,202
		Missouri	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	580
		USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,376	
	STATE TOTAL				1,956
	CONTRACTOR TOTAL				97,071
	MEGABAR CORPORATION	Utah	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	98
	MESSERSCHMITT-BOELKOW BLOHM	GERMANY, F	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,521
	MICROSCIENCE INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	42
	MISSION RESEARCH CORPORATION	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	363
		USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	49	
	STATE TOTAL				412
		New Mexico	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	674
	CONTRACTOR TOTAL				1,086
	MORTON THIKOL INC	Maryland	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,916
		Utah	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50-
	CONTRACTOR TOTAL				2,866
	MOTOROLA INC	Arizona	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	22,218
	MULTILAYER OPTICS X-RAY TECH	Utah	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	NATIVE AMERICAN SERVICE ASSN	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	600

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC23 (CONTINUED)					
	NETWORK SOLUTIONS INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	204
	NEW ENGLAND RESEARCH CENTER	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	214
	NEW TECHNOLOGY INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,774
	NICHOLS RESEARCH CORPORATION	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	16,382
		USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	535	
	STATE TOTAL				16,917
		Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	247
		New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,804
	CONTRACTOR TOTAL				20,968
	NORTHROP CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	16,865
		Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	115
	CONTRACTOR TOTAL				16,980
	NUCLEAR METALS INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	625
	OPTELECOM, INC	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	51
	OPTIMIZATION TECHNOLOGY INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	74
	OPTRA INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	309
	OPTRON SYSTEMS INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	461
	P D A ENGINEERING	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,855
	PARTNERSHIPS LTD INC	New Jersey	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	PATEL ENTERPRISES INCORPORATED	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,120
	PELLISSIPPI INTERNATIONAL INC	Tennessee	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	48
	PERKIN-ELMER CORPORATION	Conn	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	326
		USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	368	
	STATE TOTAL				694
	PHYSICAL OPTICS CORP	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	60
	PHYSICAL RESEARCH INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	150

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
AC23 (CONTINUED)					
	QUANTEX CORPORATION	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	51
	R & D ASSOCIATES	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	150
		Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	215
	CONTRACTOR TOTAL				365
	RADIATION SCIENCE INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	53
	RADKOWSKI ASSOCIATES	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	49
	RAYMOND ENGINEERING INC	Conn	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,028
	RAYTHEON COMPANY	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	810
		Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	18,758
		USAF	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,075
	STATE TOTAL				21,833
	CONTRACTOR TOTAL				22,643
	RCA CORPORATION	New Jersey	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,900
		NAVY	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,172
	STATE TOTAL				4,072
	REXNORD DEFENSE SYSTEMS INC	Louisiana	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	672
	ROBBINS COMPANY, THE	Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,019
	ROCKCOR INC	Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	782
	ROCKWELL INTERNATIONAL CORP	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	10,562
		USAF	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	86,814
	STATE TOTAL				97,376
	CONTRACTOR TOTAL				813
	S SYSTEMS CORPORATION	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	98,189
	SANDERS ASSOCIATES INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	5,455
		N H	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	40
	SATCON TECHNOLOGY CORPORATION	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC23 (CONTINUED)					
	SAXPY COMPUTER CORPORATION	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	49
	SCHAFER W J ASSOCIATES INC	Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,760
	SCIENCE APPLICATIONS INTL CORP	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	4,040
		California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	885
		New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	105
	CONTRACTOR TOTAL				5,030
	SCIENCE RESEARCH LABORATORY	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	502
	SCIENTIFIC COMPUTING ASSOC	Conn	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	51
	SIMPLETEC INC	Georgia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	49
	SNIA BPD	ITALY	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,482
	SOFTTECH INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,314
	SOFTWARE AND ENGRG ASSOC	Nevada	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	45
	SOUTHERN METHODIST UNIVERSITY	Texas	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	273
	SOUTHERN RESEARCH INSTITUTE	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	25
	SPACE DATA CORPORATION	Arizona	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	12,346
	SPACE POWER INCORPORATED	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	SPACE TECH CORP	Colorado	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	161
	SPARTA INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,342
		California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,552
		USAF	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,897
	STATE TOTAL				4,449
	CONTRACTOR TOTAL				6,791
	SPECTRAL SCIENCES INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	262
	SPERRY CORPORATION	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,991
	SPIRE CORPORATION	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	624

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC23 (CONTINUED)					
	SRS TECHNOLOGIES	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,637
		California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	29
	CONTRACTOR TOTAL				1,666
	SUPERCON INCORPORATED	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	150
	SYSTEM DEVELOPMENT CORPORATION	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	9,306
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	688
	SYSTEMS CONTROL INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	200
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	130
	SYSTOLIC SYSTEMS INC	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	239
	TECHNOLOGY DEVELOPMENT CORP	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,778
	TELEDYNE BROWN ENGINEERING	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	160
	TELEDYNE INC	Alabama	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	59,352 250
	STATE TOTAL				59,602
	TEXAS A & M UNIVERSITY SYSTEM	Texas	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	220
	TEXTRON INC	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,934
	TRACOR INC	Texas	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	4,608
	TRIANGLE RESEARCH & DEV	N Carolina	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	TRW INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	10,053
		California	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	10,818 1,705
	STATE TOTAL				12,523
	CONTRACTOR TOTAL				22,576
	ULTRASYSTEMS INCORPORATED	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	210
	UNIDYNAMICS CORPORATION	Arizona	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	200
	UNITED INTERNATIONAL ENGRG	New Mexico	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	635

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC23 (CONTINUED)					
	UNITED TECHNOLOGIES CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,090
		Conn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	3,465
	CONTRACTOR TOTAL				4,555
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	67
	UNIVERSITY OF ALABAMA	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	226
	UNIVERSITY OF CALIFORNIA	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	161
	UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	379
	UNIVERSITY OF DENVER	Colorado	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	65
	UNIVERSITY OF FLORIDA	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	60
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	299
	UNIVERSITY OF MINNESOTA	Minnesota	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	38
	UNIVERSITY OF SOUTH FLORIDA	Florida	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	94
	UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,095 373
	STATE TOTAL				1,468
	VANDERBILT UNIVERSITY THE	Tennessee	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	VERITAY TECHNOLOGY INC	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50
	VISIDYNE INC	Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	58
	WEST VIRGINIA UNIVERSITY	W Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	100
	WESTINGHOUSE ELECTRIC CORP	California	ARMY NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	491 963
	STATE TOTAL				1,454
		Maryland	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	2,444
		Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,509
	CONTRACTOR TOTAL				5,407
	WJC RESEARCH & DEVELOPMENT	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC23 (CONTINUED)					
	XONTECH INC	California	ARMY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	1,159 3,974
	ZTEK INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ADV DEVEL	5,133
	R&D TOTAL				84
					1,091,950
AC24	AEROJET GENERAL CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	285
	AEROJET SOLID PROPULSION CO	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	2,957
	ANALYTIC SCIENCES CORP THE	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	4,458
	AVCO CORPORATION	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	3,485
	BAAS CORPORATION	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	272
	BATTELLE MEMORIAL INSTITUTE	Ohio	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	187
	BDM CORPORATION	New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,400
	CONTRACTOR TOTAL	Virginia	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	475
					1,875
	BEECH AIRCRAFT CORPORATION	Kansas	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	3,321
	BOEING COMPANY THE	Kansas	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	21,542
	CONTRACTOR TOTAL	Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	230,121
					251,663
	CAS INC	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	275
	CLS LASER SYSTEMS INC	Conn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	537
	COMPUTER SCIENCES CORPORATION	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	748
	DRAPER CHARLES STARK LAB INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	317-
		Mass	NAVY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	127,811 10,146
	CONTRACTOR TOTAL				137,957
					137,640

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC24 (CONTINUED)					
	DYNAMICS RESEARCH CORPORATION	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,860
	E G G WASH ANALYTICAL SVCS CTR	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,183
	EARTH TECHNOLOGY CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	30,544
	ENGINEERING & ECONOMICS RES	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,745
	FAIRCHILD AIRCRAFT CORPORATION	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	611
	FIBER MATERIALS INC	Maine	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	463
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	8,919 11,163
	STATE TOTAL				20,082
	FREQUENCY ELECTRONICS INC	New York	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	602
	FRIED D L ASSOCIATES INC	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	125
	GENERAL DYNAMICS CORPORATION	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	58,075
	CONTRACTOR TOTAL	Conn	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	401
	GENERAL ELECTRIC COMPANY	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	58,476
		Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,034
		Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	170,072
	CONTRACTOR TOTAL				41,525
	GENERAL INSTRUMENT CORP DEL	New York	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	212,631
	GEODYNAMICS CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	3,244
	GTE PRODUCTS CORP DEL CORP	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	871
	CONTRACTOR TOTAL	Penn	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	17,318
	HERCULES INCORPORATED	Utah	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	100
	HONEYWELL INC	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	17,418
		New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	77,359
					3,645
					8,790

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
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AC24 (CONTINUED)

CONTRACTOR TOTAL					
HUGHES AIRCRAFT COMPANY					
	Arizona	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	12,435
	California	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	2,480
		NAVY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	10,241
		USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	95,735
	STATE TOTAL				17,900
					123,876
					126,356
CONTRACTOR TOTAL					
INTERMETRICS INC	Mass	NAVY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	116
INTERNATIONAL BUS MCHS CORP	Texas	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	13,291
INTERSTATE ELECTRONICS CORP	California	NAVY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	52,592
		USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	1,550
	STATE TOTAL				54,142
					2,772
JAYCOR	California	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	318
KAMAN SCIENCES CORPORATION	New Mexico	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	1,296
KERNCO INC	Mass	NAVY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	4,915
LITTON SYSTEMS INC	California	NAVY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	617
		USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	5,532
	STATE TOTAL				1,151,611
LOCKHEED MISSILES & SPACE CO	California	NAVY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	10,771
LOGICON INC	California	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	422
LORAL CORPORATION	Ohio	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	63,767
LTV AEROSPACE & DEFENSE CO	Texas	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	72,727
M D T T INC	Florida	ARMY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	167,096
MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	1,608
	Maryland	NAVY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	1,041
	New Jersey	NAVY	RDTE/MISSILE AND SPACE	SYSTEMS-ENGR DEVEL	169,745
CONTRACTOR TOTAL					

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC24 (CONTINUED)					
	MATHEMATICAL ANALYSIS RES	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	201
	MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	14,279
		Missouri	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	350
	CONTRACTOR TOTAL				14,629
	METRIC SYSTEMS CORPORATION	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	89
	MORTON THIOKOL INC	Utah	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	32,921
	MOTOROLA INC	Arizona	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	2,224
	NORTHROP CORPORATION	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,500
		USAF	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	25,198
	STATE TOTAL				26,698
	NTS ENGINEERING	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	6,798
	O A O CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	277
	ORI INC	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	756
	P C C TECHNICAL INDUSTRIES INC	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,472
	P D A ENGINEERING	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	175
	PALISADES GEOPHYSICAL INST	New York	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	641
	RAYTHEON COMPANY	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	2,472
		Mass	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	17,479
		NAVY	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	121,642
		USAF	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	483
	STATE TOTAL				139,604
	CONTRACTOR TOTAL				142,076
	ROCKWELL INTERNATIONAL CORP	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	250
		USAF	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	30,316
	STATE TOTAL				30,566
	CONTRACTOR TOTAL				2,218
	ROYAL NORWEGIAN NAVAL MATERIAL	NORWAY	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	32,784
					12,814

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC24 (CONTINUED)					
	SCIENCE APPLICATIONS INTL CORP	California	NAVY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	2,815 261
	STATE TOTAL				
	SINGER COMPANY THE	New Jersey	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	3,076
	SIPPICAN INC	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,174
	SPERRY CORPORATION	New York	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	3,244
	SRS TECHNOLOGIES	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	106,413
	SYNETICS CORPORATION	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,135
	SYSTEMS & LOGISTICS CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	3,649
	SYSTEMS PLANNING & ANALYSIS	Virginia	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,952
	SYSTEMS RES & APPLICATIONS	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,317
	CONTRACTOR TOTAL				
	TECOLOTE RESEARCH INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	346
	TEXAS INSTRUMENTS INCORPORATED	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	804
		Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	1,150
		Texas	ARMY NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	425 82
	STATE TOTAL				
	CONTRACTOR TOTAL				
	TITAN CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	4,800
	TRW INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	9,570 4,493
	UNISYS CORPORATION	New York	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	14,063
	UNITED TECHNOLOGIES CORP	California	NAVY USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	18,945 370
	STATE TOTAL				
	CONTRACTOR TOTAL				
					196,716
					5,681
					149
					2,607
					2,756

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC24 (CONTINUED)					
	VEDA INCORPORATED	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	923
	VER VAL ENTERPRISES INC	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	36
	VITRO CORPORATION	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	13,739
	WALTER DORWIN TEAGUE INC	New York	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	299
	WEIDLINGER ASSOCIATES INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	251
	WESTINGHOUSE ELECTRIC CORP	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	67,986
			USAF	RDTE/MISSILE AND SPACE SYSTEMS-ENGR DEVEL	3,953
	STATE TOTAL				71,939
R&D TOTAL					3,229,963
AC25	AEROMET INC	Oklahoma	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	1,249
		TERRITORY	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	3,816
	CONTRACTOR TOTAL				5,065
	ANALYTIC SCIENCES CORP THE	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	644
	BOEING COMPANY THE	Kansas	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	11,608
		Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	139
	CONTRACTOR TOTAL				11,747
	E G G WASH ANALYTICAL SVCS CTR	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	115
	FORD ARSPACE COMMUNICATIONS CORP	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	75
	GENERAL DYNAMICS CORPORATION	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	1,301
	GENERAL ELECTRIC COMPANY	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	8,160
	HARRIS CORPORATION	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	27,003
		Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	955
	CONTRACTOR TOTAL				27,958
	HRB-SINGER INC	Penn	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	283
	HUGHES AIRCRAFT COMPANY	Arizona	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	85
		California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	5,222

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
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AC25 (CONTINUED)

CONTRACTOR TOTAL

I I T RESEARCH INSTITUTE	Illinois	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	5,307
INTEGRAL SYSTEMS INC	Maryland	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	338
INTERNATIONAL BUS MCHS CORP	New York	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	1,430
J W P COMMUNICATIONS MFG CO	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	99
KAMAN SCIENCES CORPORATION	Colorado	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	3,379
LORAL/ROLM MIL-SPEC COMPUTERS	Virginia	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	5,350
LTV CORPORATION THE	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	91
	TERRITORY	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	8,302
					11,745
					20,047

CONTRACTOR TOTAL

M/A COM INC	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	96
MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	1,226,616
	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	16,859
					1,243,475

CONTRACTOR TOTAL

MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	488
NATIONAL ACADEMY OF SCIENCES	D.C.	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	800-
O A O CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	6,875
RAYTHEON COMPANY	Mass	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	153
RCA CORPORATION	New Jersey	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	14,648
RMS TECHNOLOGIES INCORPORATED	Penn	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	100
ROCKWELL INTERNATIONAL CORP	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	779
	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	345	
	STATE TOTAL				1,124

CONTRACTOR TOTAL

New Mexico	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP	SYS DEV	593
				1,717

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC25 (CONTINUED)					
	SCIENCE APPLICATIONS INTL CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	95
		Virginia	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	50
	CONTRACTOR TOTAL				145
	SPACE COMMUNICATION COMPANY	Maryland	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	55,331
	SRS TECHNOLOGIES	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	832
	SYSCON CORPORATION	Virginia	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	240
	TRW INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	11,943
	UNITED TECHNOLOGIES CORP	Conn	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	292
	VARIAN ASSOCIATES INC	California	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	75
	VITRO CORPORATION	Virginia	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	780
	WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-OP SYS DEV	231
R&D TOTAL					1,428,010
AC26	ADVANCED RES & APPLICATIONS	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	166
	AETA CORP	N.H.	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	338
	AIR TURBINE TECHNOLOGY INC	Florida	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	497
	AMPARO CORPORATION	New Mexico	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	174
	APPLIED TECHNOLOGY ASSOCIATES	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	200
	APTEK INC	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	250
	ARIAS RESEARCH ASSOCIATES	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	49
	ASTRON RESEARCH & ENGINEERING	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	250
	B D SYSTEMS INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	220
	BOOZ ALLEN & HAMILTON INC	Virginia	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	41
	CONTROL DYNAMICS COMPANY	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	244
	CREARE RESEARCH & DEVELOPMENT	N.H.	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	167
	CREARE, INC	N.H.	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	58
	FLOW INDUSTRIES INC	Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	172

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC26 (CONTINUED)

FOSTER CONSULTING CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	\$	194
FOSTER MILLER INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		185
FOSTER-MILLER INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		496
INTEGRATED CRYSTAL SYSTEMS	Michigan	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		50
L B & M ASSOCIATES INC	Oklahoma	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		245
L SYSTEMS INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		280
LTV CORPORATION THE	Alabama	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		993
	TERRITORY	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		4,742
CONTRACTOR TOTAL					5,735
MACHINE DESIGN ENGINEERS INC	Washington	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		247
MAINSTREAM ENGINEERING CO INC	Florida	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		48
MARTIN MARIETTA CORPORATION	Florida	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		45,173
MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		526
MISSION RESEARCH CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		335
NICHOLS RESEARCH CORPORATION	Alabama	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		670
P D A ENGINEERING	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		120
PACER SYSTEMS INC	Penn	NAVY	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		36
PHYSICAL RESEARCH INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		337
PHYSICAL SCIENCES INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		493
QUANTIC INDUSTRIES, INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		239
QUESTRON CORPORATION	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		194
RIZZO PAUL C ASSOCIATES INC	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		249
ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		239
S LEVY INCORPORATED	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		88
SCIENCE APPLICATIONS INTL CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP		142

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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{AMOUNTS IN THOUSANDS}

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC26 (CONTINUED)

	SPARTA INC	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	\$ 1,531
	SPECTRAL SCIENCES INC	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	110
	SPIRE CORPORATION	Mass	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	53
	STANFORD TELECOMMUNICATIONS	Virginia	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	413
	SUNBURST RECOVERY INC	Colorado	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	179
	SUNOL SCIENCES CORP	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	198
	TECHNOLOGY DEVELOPMENT ASSOC	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	225
	THERMACORE INC	Penn	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	189
	TRIANGLE RESEARCH & DEV	N Carolina	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	200
	VERAC INCORPORATED	California	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	124
	VIKING INSTRUMENT CORP	Virginia	USAF	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	69
	XEROX CORPORATION	California	ARMY	RDTE/MISSILE AND SPACE SYSTEMS-MGMT & SUP	750
	R&D TOTAL				63,188
AC31	BISMARK INC	New Jersey	NAVY	RDTE/SHIPS - RESEARCH	38
	CONSULTANTS & DESIGNERS INC	Virginia	NAVY	RDTE/SHIPS - RESEARCH	90
	DWA COMPOSITE SPECIALTIES INC	California	NAVY	RDTE/SHIPS - RESEARCH	50
	GEO-CENTERS INC	Mass	NAVY	RDTE/SHIPS - RESEARCH	49
	INTEGRATED SYSTEMS ANALYSTS	Virginia	NAVY	RDTE/SHIPS - RESEARCH	2,078
	LAQUE CTR FOR CRRSION TCHNLOGY	N Carolina	NAVY	RDTE/SHIPS - RESEARCH	997
	MATERIAL CONCEPTS INC	Ohio	NAVY	RDTE/SHIPS - RESEARCH	48
	MATERIALS SCIENCE CORP	Penn	NAVY	RDTE/SHIPS - RESEARCH	48
	MILCOM SYSTEMS CORPORATION	Virginia	NAVY	RDTE/SHIPS - RESEARCH	131
	MSNW INC	California	NAVY	RDTE/SHIPS - RESEARCH	48
	PANBAXY LAB	Virginia	NAVY	RDTE/SHIPS - RESEARCH	50
	RESEARCH OPPORTUNITIES INC	California	NAVY	RDTE/SHIPS - RESEARCH	49

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC31 (CONTINUED)					
	SIG PRO SYSTEMS INC	California	NAVY	RDTE/SHIPS - RESEARCH	145
	SPECTRUM 39 LTD	Maryland	NAVY	RDTE/SHIPS - RESEARCH	35
	TEXAS RESEARCH INSTITUTE INC	Texas	NAVY	RDTE/SHIPS - RESEARCH	315
	TSI INCORPORATED	Minnesota	NAVY	RDTE/SHIPS - RESEARCH	140
	WESTINGHOUSE ELECTRIC CORP	Penn	NAVY	RDTE/SHIPS - RESEARCH	620
	R&D TOTAL				4,931
AC32	A A I CORPORATION	Maryland	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	979
	ADVANCED TECHNOLOGY & RES	Maryland	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	189
	ALLIED-SIGNAL INC	Arizona	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	633
	AMEX SYSTEMS INC	Colorado	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	46
	ARTECH CORP	Virginia	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	483
	ATLANTIC APPLIED RESEARCH	Mass	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	120
	AVCO CORPORATION	Conn	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	105
	BRUNSWICK CORPORATION	Virginia	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	57
	CAPE COD RESEARCH INC	Mass	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	464
	CATERPILLAR INC	Illinois	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	92
	COLUMBIA UNIVERSITY	New York	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	55
	DWA COMPOSITE SPECIALTIES INC	California	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	368
	GENERAL DYNAMICS CORPORATION	California	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	30
	GENERAL MOTORS CORPORATION	Indiana	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	47
	GOULD INC	Ohio	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	327
	HERCULES INCORPORATED	Utah	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	115
	HYDRODYNAMICS RESEARCH ASSOC	Maryland	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	135
	INTERNATIONAL COMPUTERS TELECOM	Maryland	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	1,604
	JOHN DEERE COMPANY	New Jersey	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	477

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC32 (CONTINUED)

	MATERIALS SCIENCE CORP	Penn	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	\$ 460
	NEWPORT NEWS SHPBUILDING DRYDOCK	Virginia	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	438
	OCEAN & ATMOSPHERIC SCIENCE	New York	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	389
	RAYTHEON COMPANY	California	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	277
	SANDERS ASSOCIATES INC	N H.	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	399
	SOLAR TURBINES, INCORPORATED	California	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	28
	THREE C SYSTEMS INC	Penn	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	535
	UNIVERSITY OF MIAMI INC	Florida	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	60
	VIRGINIA PLTYCHNIC INST/ST UNI	Virginia	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	51
	VITRO CORPORATION	Maryland	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	7,040
	WESTINGHOUSE ELECTRIC CORP	Penn	NAVY	RDTE/SHIPS - EXPLORATORY DEVELOPMENT	100
	R&D TOTAL				16,103
ACC3	ADVANCED SYSTEMS TECHNOLOGIES	Colorado	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	355
	AMAX INC	Michigan	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	66
	AMEX SYSTEMS INC	Colorado	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	44
	ANALYSIS & TECHNOLOGY INC	Virginia	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	40
	APPLIED ORDNANCE TECHNOLOGY,	Maryland	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	49
	ARGUS RESEARCH CORP	Virginia	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	305
	AUTOMETRIC INC	Mass	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	50
	C R C-EVANS PIPELINE INTL	Texas	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	73
	CAPE COD RESEARCH INC	Mass	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	66
	CARLOW ASSOCIATES INC	Virginia	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	49
	COMPUTER TECHNOLOGY ASSOC	Colorado	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	49
	DECISION SCIENCE CONSORTIUM	Virginia	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	65
	DEERE JOHN TECHNOLOGIES INTL	New Jersey	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	13,414

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC33 (CONTINUED)					
	DESIGNERS & PLANNERS INC	Virginia	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	99
	DIGITAL SIGNAL CORPORATION	Virginia	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	475
	DRAPER CHARLES STARK LAB INC	Mass	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	276
	DWA COMPOSITE SPECIALTIES INC	California	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	48
	E G WASH ANALYTICAL SVCS CTR	Maryland	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	5,457
	EMC SCIENCE CTR INC	Penn	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	33
	ENERGY COMPRESSION RESEARCH	California	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	995
	GENERAL DYNAMICS CORPORATION	Conn	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	70,773
	GENERAL ELECTRIC COMPANY	New York	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	104,000
		Ohio	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	1,042
	CONTRACTOR TOTAL				105,042
	GENERAL MOTORS CORPORATION	Indiana	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	1,000
	GEO-CENTERS INC	Mass	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	235
	GIANNOTTI & ASSOCIATES INC	Maryland	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	730
	HALE FIRE PUMP CO	Penn	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	900
	HYDRO PRODUCTS INC	California	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	30
	INTEGRATED SYSTEMS ANALYSTS	California	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	1,410
	INTERNAL DYNETICS CORP	Conn	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	70
	K V H INDUSTRIES INC	Rhode Isl	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	46
	LIGHTING SCIENCES INC	Arizona	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	28
	MATERIAL CONCEPTS INC	Ohio	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	49
	MATERIALS SCIENCE CORP	Penn	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	48
	MC DONNELL DOUGLAS CORPORATION	Maryland	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	142
	MECHANICAL EQUIPMENT COMPANY	Louisiana	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	38-
	OPTIMA SYSTEMS INC	Mass	NAVY	RDTE/SHIPS - ADVANCED DEVELOPMENT	50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AC33 (CONTINUED)

PERKIN-ELMER CORPORATION	California	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	\$ 244
RASOR ASSOCIATES, INC	California	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	335
ROCKWELL INTERNATIONAL CORP	California	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	228
SCIENCE APPLICATIONS INTL CORP	Virginia	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	93
SPARTA INC	California	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	48
SPERRY CORPORATION	New York	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	19,061
TECHPLAN CORP	New Jersey	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	420
THERMEX ENERGY CORPORATION	Texas	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	48
TRW INC	California	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	617
UNITED SPACE BOOSTERS, INC	Alabama	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	98
UNITED TECHNOLOGIES CORP	Conn	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	4,486
UNIVERSITY OF DAYTON	Ohio	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	680
UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	30
VECTOR RESEARCH COMPANY INC	Maryland	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	256
VEDA INCORPORATED	Virginia	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	30
WEIDLINGER ASSOCIATES INC	New York	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	212
WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	61
	Penn	NAVY	RDTE/SHIPS -	ADVANCED DEVELOPMENT	207,960
CONTRACTOR TOTAL					208,021
R&D TOTAL					437,430
AC34 ABARIS	Nevada	NAVY	RDTE/SHIPS -	ENGINEERING DEVELOPMENT	51
ALLIED-SIGNAL INC	Maryland	NAVY	RDTE/SHIPS -	ENGINEERING DEVELOPMENT	2,555
BODENSEEWERK GERAETETECHNIK GM	GUYANA	NAVY	RDTE/SHIPS -	ENGINEERING DEVELOPMENT	2,660
C P INDUSTRIES, INC	Penn	NAVY	RDTE/SHIPS -	ENGINEERING DEVELOPMENT	150
COMPUTER SCIENCES CORPORATION	Penn	NAVY	RDTE/SHIPS -	ENGINEERING DEVELOPMENT	50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
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AC34 (CONTINUED)

	DRAPER CHARLES STARK LAB INC	Mass	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	510
	GENERAL DYNAMICS CORPORATION	California	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	17,327
	GENERAL ELECTRIC COMPANY	D.C.	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	37
	GOODRICH B F COMPANY THE	Ohio	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	104
	HUGHES AIRCRAFT COMPANY	California	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	258
	INTEGRATED SYSTEMS ANALYSTS	D.C.	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	105
	INTERMARINES SPA	ITALY	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	1,705
	N K F ENGINEERING ASSOCIATES	Virginia	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	1,254
	RAYTHEON COMPANY	Mass	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	569
	ROCKWELL INTERNATIONAL CORP	California	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	585
	SPERRY CORPORATION	Minnesota	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	269
	T CARROLL ASSOCIATES INC	Maryland	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	143
	TECHPLAN CORP	New Jersey	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	210
	VITRO CORPORATION	Maryland	NAVY	RDTE/SHIPS - ENGINEERING DEVELOPMENT	12,442
	R&D TOTAL				40,984
AC35	DEEGAN RESEARCH GROUP INC	Rhode Isl	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	49
	DESIGNERS & PLANNERS INC	Virginia	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	132-
	DIX CORPORATION	Washington	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	864
	DYANMIC TESTING, INC	Virginia	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	124
	GENERAL ELECTRIC COMPANY	New York	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	1,702
	GROVE ENGINEERING INC	Maryland	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	40
	INDUSTRIAL QUALITY INC	Maryland	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	32
	PLANNING SYSTEMS INC	Virginia	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	99
	SHERIKON, INC	Louisiana	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	1,158
	TECHPLAN CORP	New Jersey	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	62

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC35 (CONTINUED)					
	VECTOR RESEARCH COMPANY INC	Maryland	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	4,955
	VITRO CORPORATION	Maryland	NAVY	RDTE/SHIPS - OP SYSTEMS DEVELOPMENT	7,558
	R&D TOTAL				16,511
AC36	ABARIS	Nevada	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	50
	ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	270
	CBI NA-CON INC	Penn	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	6,539
	E G G WASH ANALYTICAL SVCS CTR	Maryland	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	500
	ENERGY OPTICS INC	New Mexico	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	56
	FOSTER-MILLER INC	Mass	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	285
	GENERAL DIGITAL INDUSTRIES INC	Alabama	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	59
	HAZELTINE CORPORATION	Mass	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	7,848
	HUMAN PERFORMANCE RESEARCH INC	California	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	61
	INTERNATIONAL BUS MCHS CORP	Virginia	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	4,457
	OPTICAL TECHNOLOGIES INC	Virginia	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	50
	PHYSICAL SCIENCES INC	Mass	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	532
	POLATOMIC INC	Texas	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	49
	QUANTIC INDUSTRIES, INC	California	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	62
	RESEARCH OPPORTUNITIES INC	California	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	458
	SCHWARTZ ELECTRO-OPTICS INC	Florida	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	50
	SHENANDOAH SYSTEMS CO INC	Virginia	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	45
	SPARTA INC	California	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	291
	SPERRY CORPORATION	New York	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	67
	SPRINGBORN GROUP INC	Conn	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	50
	TACAN CORPORATION	California	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	50
	TRW INC	California	USAF	RDTE/SHIPS - MANAGEMENT & SUPPORT	28,447

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC36 (CONTINUED)					
	VITRO CORPORATION	Maryland	NAVY	RDTE/SHIPS - MANAGEMENT & SUPPORT	1,169
	R&D TOTAL				51,445
AC41	BARNES ENGINEERING COMPANY	Conn	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	50
	BERKELEY RESEARCH ASSOCIATES	Virginia	NAVY	RDTE/TANK - AUTOMOTIVE - RESEARCH	98
	EDO CORPORATION	Conn	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	59
	ENVIRONMENTAL RSRCH INSTTE MI	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	865
	FROUDE ENGINEERING INC	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	325
	GENERAL ELECTRIC COMPANY	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	60
	MICHIGAN TECHNOLOGICAL UNIV	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	517
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	81
	TEXAS INSTRUMENTS INCORPORATED	Texas	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	202
	UNIVERSITY OF IOWA THE	Iowa	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	177
	UNIVERSITY OF RHODE ISLAND	Rhode Isl	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	57
	VIRGINIA PLTYCHNIC INST/ST UNI	Virginia	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	631
	WAYNE STATE UNIVERSITY	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	115
	WEST VIRGINIA UNIVERSITY	W Virginia	ARMY	RDTE/TANK - AUTOMOTIVE - RESEARCH	650
	R&D TOTAL				3,887
AC42	A K M ASSOCIATES	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	50
	ADIABATICS INCORPORATED	Indiana	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	579
	ADVANCED DECISION SYSTEMS	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	74
	ALLIED-SIGNAL INC	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	467
	AM GENERAL CORPORATION	Indiana	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	412
	ANALYTICS INCORPORATED	Penn	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	100
	APPLIED SCIENCE GROUP INC	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	75
	ARMORED VHCLT TCHNOLOGIES ASSOC	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	828

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC42 (CONTINUED)					
	AUTOMATION TECHNOLOGY CORP	Maryland	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	219
	AUTOMATION RESEARCH CORP	Nevada	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	39
	AVCO CORPORATION	Conn	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	376
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	412
	BBN LABORATORIES	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	104
	BECHDON COMPANY INC	Maryland	NAVY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	98
	BEND RESEARCH INC	Oregon	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	201
	BKM INC	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	30
	BOLIT MANHATTAN	Penn	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	110
	BOLT BERANEK & NEWMAN INC	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	169
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	17,262
	CARBORIDE CORPORATION	Ohio	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	58
	CHENG TECHNOLOGY & SERVICES	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	55
	CIM SYSTEMS	Texas	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	50
	COLSA INC	Alabama	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	480
	COMBUSTION ELECTROMAGNETICS	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	73
	DATA	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	319
	E-OIR MEASUREMENTS INC	Virginia	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	38
	EMERSON ELECTRIC CO	Missouri	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	47
	EXTREL CORPORATION	Penn	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	235
	FAILURE ANALYSIS ASSOCIATES	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	50
	FMC CORPORATION	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	1,730
	GENERAL ELECTRIC COMPANY	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	6,775
	GENERAL MOTORS CORPORATION	Indiana	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	397
	GRUMMAN AEROSPACE CORPORATION	New York	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	33

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		\$
AC42 (CONTINUED)						
	HONEYWELL INC	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		2,536
		Minnesota	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		148
	CONTRACTOR TOTAL					2,684
	INDUSTRIAL TECHNOL INSTITUTE	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		89
	K M S FUSION INC	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		354
	M. P. R. ASSOCIATES, INC	D.C.	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		51
	MATERIALS SCIENCE CORP	Penn	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		100
	MICHIGAN TECHNOLOGICAL UNIV	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		319
	MISSION RESEARCH CORPORATION	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		48
	MONARCH MACHINE CORP	California	NAVY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		63
	NKF ENGINEERING INC	Virginia	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		50
	ODETICS INC	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		80
	OLIS ENTERPRISES INC	Colorado	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		60
	OPTIMETRICS INC	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		120
	RCA CORPORATION	New York	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		195
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY NAVY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		82 626
	STATE TOTAL					708
	SPARTA INC	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		58
	STEVENS INSTITUTE TECHNOLOGY	New Jersey	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		149
	SYNERTECH INC	Maryland	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		258
	TAYLOR S R	Oklahoma	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		50
	TECHNICAL RESEARCH ASSOCIATES	Utah	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		43
	TECHNOLOGY INTERNATIONAL INC	Louisiana	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		50
	TELEDYNE INDUSTRIES INC	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP		438

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC42 (CONTINUED)					
	TRACOR MBA	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	72
	TSI INCORPORATED	Minnesota	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	49
	UNIVERSITY OF MICHIGAN	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	162
	UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	119
	URDAN INDUSTRIES (USA) INC	ISRAEL	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	69
	VECTOR RESEARCH INC	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	223
	WEST COAST RESEARCH CORP	California	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	398
	WILLIAMS INTERNATIONAL CORP	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - EXPLOR DEVELOP	500
	R&D TOTAL				39,504
AC43	ALUMINUM COMPANY OF AMERICA	Ohio	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	
	AM GENERAL CORPORATION	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	37
	ARES INC	Ohio	NAVY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	1,155
	AVCO CORPORATION	Conn	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	116-
	CONTRACTOR TOTAL	Mass	USAF	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	26
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	90-
	BOEING COMPANY THE	Washington	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	92
	BOLT BERANEK & NEWMAN INC	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	400
	CADILLAC GAGE COMPANY	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	126
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	291
	CENTRAL ENGINEERING LAB INC	California	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	1,061
	CONDEC CORPORATION	Conn	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	119
	CONTRAVES GOERZ CORPORATION	Penn	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	426
	CUMMINS ENGINE COMPANY INC	Indiana	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	3,865
	FMC CORPORATION	California	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	4,668
					6,782

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC43 (CONTINUED)				
GENERAL DYNAMICS CORPORATION	Illinois	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	169
	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	19,596
CONTRACTOR TOTAL				19,765
GENERAL ELECTRIC COMPANY	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	8,005
GENERAL MOTORS CORPORATION	California	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	147
GEO-CENTERS INC	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	100
GOULD INC	Maryland	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	47
HARSCO CORPORATION	Penn	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	11,520
HONEYWELL INC	Minnesota	USAF	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	26
MAC TAGGART SCOTT & CO LTD	UNITED KIN	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	63
NORTHROP CORPORATION	California	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	500
PACCAR INC	Washington	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	147
ROYAL ORDNANCE AMMUNITION LTD	UNITED KIN	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	699
SCIENCE APPLICATIONS INTL CORP	California	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	264
SWERLING, MANASSE & SMITH INC	California	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	299
SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	166
TEXTRON INC	New York	USAF	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	31
UNIVERSITY OF FLORIDA	Florida	USAF	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	26
UNIVERSITY OF IOWA THE	Iowa	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	154
WILLIAMS INTERNATIONAL CORP	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - ADVANCED DEVELOP	250
R&D TOTAL				61,141
AC44 ABEX CORPORATION	New Jersey	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	279
ALLIED-SIGNAL INC	California	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	238
AMETEK INC	California	USAF	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	428
BROUGHTON, T T & SONS	UNITED KIN	NAVY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	120

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC44 (CONTINUED)					
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	1,151
	CHRYSLER CORPORATION	Alabama	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	9,957
	DONALDSON COMPANY INC	Minnesota	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	132
	FMC CORPORATION	California	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	81,193
	GENERAL DYNAMICS CORPORATION	Illinois	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	44-
		Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	18,411
					18,367
	CONTRACTOR TOTAL				82
	GENERAL MOTORS CORPORATION	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	192
	HODGES TRANSPORTATION INC	Nevada	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	455
	RCA CORPORATION	Mass	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	100
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	100
	UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	ARMY	RDTE/TANK - AUTOMOTIVE - ENGR DEVELOPMENT	112,794
	R&D TOTAL				2,804
AC45	AM GENERAL CORPORATION	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	362
	CONTROL DATA CANADA LIMITED	CANADA	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	2,113
	CUMMINS ENGINE COMPANY INC	Indiana	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	26
	FOSTER WHEELER CORPORATION	New Jersey	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	70
	GENERAL DYNAMICS CORPORATION	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	988
	ISRAEL MILITARY INDUSTRIES	ICELAND	NAVY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	53
	MAN TRUCK & BUS CORP	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	542
	MECHANICAL TECHNOLOGY INC	New York	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	98
	RECON OPTICAL INC	Illinois	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	421
	SUMA CORP	Illinois	USAF	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	49
	WAYNE STATE UNIVERSITY	Michigan	ARMY	RDTE/TANK - AUTOMOTIVE - OP SYS DEVELOP	7,526
	R&D TOTAL				

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC46	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY	RDTE/TANK - AUTOMOTIVE - MGMT & SUPPORT	\$ 821-
	VITRO CORPORATION	Maryland	NAVY	RDTE/TANK - AUTOMOTIVE - MGMT & SUPPORT	239
	R&D TOTAL				582-
AC51	AEROJET ORDNANCE COMPANY	California	ARMY	RDTE/WEAPONS - RESEARCH	1,617
	ANEUTRONICS ENERGY LABS INC	New Jersey	USAF	RDTE/WEAPONS - RESEARCH	1,373
	CRYOELECTRO ASSOCIATES	Mass	ARMY	RDTE/WEAPONS - RESEARCH	40
	DYNA EAST CORPORATION	Penn	ARMY	RDTE/WEAPONS - RESEARCH	1,265
			USAF	RDTE/WEAPONS - RESEARCH	67
	STATE TOTAL				1,332
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/WEAPONS - RESEARCH	57
	HONEYWELL INC	Minnesota	ARMY	RDTE/WEAPONS - RESEARCH	886
			NAVY	RDTE/WEAPONS - RESEARCH	176
	STATE TOTAL				1,062
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/WEAPONS - RESEARCH	236
	I R T CORPORATION	California	USAF	RDTE/WEAPONS - RESEARCH	147
	KANSAS STATE UNIVERSITY	Kansas	USAF	RDTE/WEAPONS - RESEARCH	100
	LISP MACHINE INC	Mass	NAVY	RDTE/WEAPONS - RESEARCH	50-
	MAGEE BRALLA INC	California	NAVY	RDTE/WEAPONS - RESEARCH	212
	MARTIN MARIETTA CORPORATION	Florida	USAF	RDTE/WEAPONS - RESEARCH	75
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/WEAPONS - RESEARCH	185
	NORTH TEXAS STATE UNIVERSITY	Texas	USAF	RDTE/WEAPONS - RESEARCH	57
	P C C TECHNICAL INDUSTRIES INC	Rhode Isl	NAVY	RDTE/WEAPONS - RESEARCH	42
	PHYSICAL SCIENCES INC	Mass	USAF	RDTE/WEAPONS - RESEARCH	200
	POTOMAC RESEARCH, INCORPORATED	Virginia	NAVY	RDTE/WEAPONS - RESEARCH	400
	RAYTHEON COMPANY	Mass	USAF	RDTE/WEAPONS - RESEARCH	530
	RENSELAER POLYTECHNIC INST	New York	ARMY	RDTE/WEAPONS - RESEARCH	91
	SPARTA INC	Alabama	ARMY	RDTE/WEAPONS - RESEARCH	731
	TEXAS TECH UNIVERSITY	Texas	USAF	RDTE/WEAPONS - RESEARCH	100

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC51 (CONTINUED)					
	ULTRAMET	California	USAF	RDTE/WEAPONS - RESEARCH	50
	UNIVERSITY OF CALIFORNIA	California	USAF	RDTE/WEAPONS - RESEARCH	67
	UNIVERSITY OF DENVER	Colorado	NAVY	RDTE/WEAPONS - RESEARCH	247
	UNIVERSITY OF FLORIDA	Florida	USAF	RDTE/WEAPONS - RESEARCH	99
	UNIVERSITY OF NEW MEXICO	New Mexico	USAF	RDTE/WEAPONS - RESEARCH	203
	UNIVERSITY OF WASHINGTON	Washington	NAVY USAF	RDTE/WEAPONS - RESEARCH RDTE/WEAPONS - RESEARCH	8,409 349
	STATE TOTAL				8,758
	VERAC INCORPORATED	New Mexico	ARMY	RDTE/WEAPONS - RESEARCH	89
	VERITAY TECHNOLOGY INC	New York	USAF	RDTE/WEAPONS - RESEARCH	68
	R&D TOTAL				18,118
	AC52 A A I CORPORATION	Maryland	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	562
	ADVANCED SCIENCES INC	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	287
	ALAMO TECHNOLOGY, INC	Texas	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	50
	ALLIED-SIGNAL INC	New Jersey	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	193
	APPLIED PHYSICS INC	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	43
	APPLIED RESEARCH ASSOCIATES	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	349
	ARES INC	Ohio	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	2,006
	AVCO CORPORATION	Mass	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	15,759
	BDM CORPORATION	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	161
	BEI DEFENSE SYSTEMS CO INC	Texas	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	119
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	347
	CALSPAN CORPORATION	New York	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	90
	COLT INDUSTRIES INC	Conn	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	1,275
	COMPUTER TECHNOLOGY ASSOC	Colorado	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	131

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC52 (CONTINUED)	CONTRACTOR TOTAL				
	DEEP HOLE SPECIALISTS INC	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	131
	DESIGN ENGINEERING INC	Ohio	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	96
	DESIGN ENGINEERING LABS	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	48
	DEVELOPMENT SYSTEMS & RES	California	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	108
	DRAPER CHARLES STARK LAB INC	Virginia	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	48
	EDO CORPORATION	Mass	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	80
	ENGINEERING & ECONOMICS RES	New York	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	76
	FABRIQUE NATIONALE HERSTAL SA	Rhode Isld	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	408
	FORD ARSPACE COMMUNICATIONS CORP	BELGIUM	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	289 -
	GA TECHNOLOGIES INC	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	110
	GENERAL ELECTRIC COMPANY	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	66
	HARSCO CORPORATION	Vermont	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	3,900
	HONEYWELL INC	Penn	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	2,849
	HUBB SYSTEMS INC	Minnesota	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	410
	ITEK CORPORATION	Mass	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	49
	KTECH CORPORATION	Mass	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	566
	LOCKHEED MISSILES & SPACE CO	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	1,413
	LORAL CORPORATION	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	162
	LOUISIANA STATE UNIVERSITY	Arizona	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	2,339
	LTV AEROSPACE & DEFENSE CO	Louisiana	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	308
	MAREMONT CORPORATION	Texas	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	284
	MARTIN MARIETTA CORPORATION	Maine	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	45
		Florida	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	625
		Maryland	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	3,600

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC52 (CONTINUED)					
	CONTRACTOR TOTAL				
	MAXWELL LABORATORIES INC	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	837
					5,062
		California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	517
		New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	658
	CONTRACTOR TOTAL				1,175
	MC DONNELL DOUGLAS CORPORATION	California	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	808
		Missouri	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	646
	CONTRACTOR TOTAL				1,454
	MESILLA VLY HGH TECH	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	49
	MISSION RESEARCH CORPORATION	California	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	400
			USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	800
	STATE TOTAL				1,200
		New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	179
	CONTRACTOR TOTAL				1,379
	MOTOROLA INC	Arizona	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	1,457
	NEW MXICO INST OF MIN TCHNLGY	New Mexico	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	1,211
	NORTHWESTERN UNIVERSITY	Illinois	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	52
	ORION INTL TECHNOLOGIES	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	51
	ORLANDO TECHNOLOGY INC	Florida	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	984
	PULSE SCIENCES INC	California	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	100
			USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	78
	STATE TOTAL				178
	R & D ASSOCIATES	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	575
	RAYTHEON COMPANY	Mass	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	2,160
	REYNOLDS INDUSTRIES INC	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	104
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	1,259

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC52 (CONTINUED)					
	CONTRACTOR TOTAL				
	SCIENCE & ENGINEERING ASSOC	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	1,746
	SOUTHEASTERN CTR ELEC ENG ED	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	3,005
		Florida	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	477
		New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	31
		New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	70
	CONTRACTOR TOTAL				101
	STANFORD RESEARCH SYSTEMS INC	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	149
	STEYR-DAIMLER-PUCH AG	AUSTRIA	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	637
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	275
	T S C INC	California	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	91
	TELEFLEX INCORPORATED	Penn	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	220
			USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	78
	STATE TOTAL				298
	TITAN CORPORATION	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	908
	TRW INC	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	1,300
	UNITED STS DEPT TRANSPORTATION	Colorado	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	34
	UNITED TECHNOLOGIES CORP	Conn	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	131
			USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	45
	STATE TOTAL				176
	UNIVERSITY OF NEW ENGLAND	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	1,793
	UNIVERSITY OF NEW MEXICO	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	5,202
	UNIVERSITY OF SOUTHERN CALIF	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	100
	UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	120
	VITRO CORPORATION	Maryland	NAVY	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	97
	WEIDLINGER ASSOCIATES INC	California	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	100
	YEA INC	New Mexico	USAF	RDTE/WEAPONS - EXPLORATORY DEVELOPMENT	42

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
R&D TOTAL				
AC53 A T & T TECHNOLOGIES INC	Penn	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	65,244
ACUREX CORPORATION	Ohio	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	2,151
AEROJET GENERAL CORPORATION	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	5,404
ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	5,300
ANTRO-PIX CORPORATION	Texas	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	437
APPLIED DYNAMICS INTL	Michigan	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	58
APPLIED TECHNOLOGY ASSOCIATES	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	500
AVCO CORPORATION	Mass	ARMY USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT RDTE/WEAPONS - ADVANCED DEVELOPMENT	3,505 640 230 870
STATE TOTAL				
BALL CORPORATION	Colorado	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	31,716
CONTRACTOR TOTAL				
BDM CORPORATION	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	335
BOEING COMPANY THE	Alabama	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	32,051
	Washington	NAVY USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT RDTE/WEAPONS - ADVANCED DEVELOPMENT	1,392 2,721 85,197 5,508 90,705 93,426 1,151 417 200 12,883 76 394 575
STATE TOTAL				
CONTRACTOR TOTAL				
BOLT BERANEK & NEWMAN INC	Mass	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	
BOOZ ALLEN & HAMILTON INC	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	
COMPUTATIONAL MECHANICS	Texas	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	
COMPUTER SCIENCES CORPORATION	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	
DCS CORPORATION	Virginia	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	
EAGLE TECHNOLOGY INC	Virginia	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	
EASTMAN KODAK COMPANY	New York	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC53 (CONTINUED)				
FMC CORPORATION	Minnesota	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	2,805
FORD ARSPACE COMMUNICATIONS CORP	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	8,964
FOSTER MILLER INC	Mass	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	67
FRIED D L ASSOCIATES INC	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	1,805
GA TECHNOLOGIES INC	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	244
GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	7,949
GENERAL ELECTRIC COMPANY	Penn	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	700
HARRIS CORPORATION	Florida	ARMY USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT RDTE/WEAPONS - ADVANCED DEVELOPMENT	1,000 100
STATE TOTAL				1,100
HONEYWELL INC	Arizona	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	1,410
	Florida	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	192
	Minnesota	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	4,529
CONTRACTOR TOTAL				6,131
HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	12,401
INTERNATIONAL BUS MCHS CORP	Virginia	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	175
KAMAN CORPORATION	Conn	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	20,427
LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	8,245
LORAL CORPORATION	Ohio	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	6,547
LTV AEROSPACE & DEFENSE CO	Texas	ARMY USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT RDTE/WEAPONS - ADVANCED DEVELOPMENT	28- 3,435
STATE TOTAL				3,407
MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	1,788
	Florida	ARMY USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT RDTE/WEAPONS - ADVANCED DEVELOPMENT	5,714 3,350
STATE TOTAL				9,064

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC53 (CONTINUED)					
	CONTRACTOR TOTAL				
	MASON HANGER-SILAS MASN INC WV	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	3,414
	MATERIAL & ELECTROCHEMICAL	Iowa	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	178
		Arizona	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	14,266
	MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	48
		California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	54-
		Missouri	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	5,347
			USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	2,350
				RDTE/WEAPONS - ADVANCED DEVELOPMENT	3,338
					5,688
					10,981
	STATE TOTAL				
	CONTRACTOR TOTAL				
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	1,048
		New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	683
					1,731
	MOTOROLA INC	Arizona	ARMY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	120
	NEW MEXICO STATE UNIVERSITY	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	928
	NICHOLS RESEARCH CORPORATION	Alabama	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	48
	NORTHROP CORPORATION	Mass	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	2,364
	P C O INC	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	250
	PACIFIC CRYOGENICS	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	200
	PARKS ASSOCIATES	Virginia	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	186
	PERKIN-ELMER CORPORATION	Conn	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	1,443
	PHOTON RESEARCH ASSOCIATES INC	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	94
	PURDUE UNIVERSITY	Indiana	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	50
	QUANTIC INDUSTRIES, INC	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	170
	R & D ASSOCIATES	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	355
		New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	6,045

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC53 (CONTINUED)				
CONTRACTOR TOTAL				
RAYTHEON COMPANY	Mass	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	6,400
RCA CORPORATION	New Jersey	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	93
				3,322
ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	7,422
	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	10,075
				17,497
CONTRACTOR TOTAL				
S SYSTEMS CORPORATION	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	306
SCHAFFER W J ASSOCIATES INC	Mass	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	3,562
SCHOTT GLASS TECHNOLOGIES INC	GERMANY, F	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	640
SCIENCE & ENGINEERING ASSOC	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	291
SCIENCE APPLICATIONS INTL CORP	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	120
	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	824
				944
CONTRACTOR TOTAL				
SINGER COMPANY THE	California	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	550
SPECTRA DIODE LABORATORIES INC	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	200
STATCON INC	Maryland	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	722
TEXAS INSTRUMENTS INCORPORATED	Texas	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	400
TEXTRON INC	New York	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	52,107
TRW INC	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	160
UNITED INTERNATIONAL ENGRG	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	2,386
UNITED TECHNOLOGIES CORP	Conn	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	3,952
	Florida	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	373
	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	6,711
CONTRACTOR TOTAL				
UNIVERSITY OF SOUTHERN CALIF	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	38

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC53 (CONTINUED)					
	VARIAN ASSOCIATES INC	California	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	200
	VERAC INCORPORATED	New Mexico	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	2,476
	VERITAY TECHNOLOGY INC	New York	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	50
	VITRO CORPORATION	Maryland	NAVY	RDTE/WEAPONS - ADVANCED DEVELOPMENT	27
	XI MAGNETICS INC	Penn	USAF	RDTE/WEAPONS - ADVANCED DEVELOPMENT	60
	R&D TOTAL				371,570
AC54	ACCURTRON TL & INSTR COMPANY	Virginia	ARMY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	63
	AEP/JET ELECTROSYSTEMS CO	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	117
	A. TEC ENGINEERING INC	Washington	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	100
	ANALYTIC SCIENCES CORP THE	Florida	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	531
	APTEK INC	Colorado	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	53
	AVCO CORPORATION	Mass	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	19,271
	BDM CORPORATION	New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	1,606
	BDM MANAGEMENT SERVICES CO	New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	4,156
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	605
	COASTAL AMERICAN CORPORATION	D C	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	30
	COMPUTER SCIENCES CORPORATION	New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	1,606
	DRAPER CHARLES STARK LAB INC	Mass	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	700
	DYNAMICS TECHNOLOGY	California	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	335
	ELECTROSPACE SYSTEMS INC	California	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	419
	GENERAL ELECTRIC COMPANY	New York	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	775
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	90
	GRUMMAN AEROSPACE CORPORATION	New York	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	12,277
	HARSCO CORPORATION	Penn	ARMY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	33,631
	HONEYWELL INC	Minnesota	ARMY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	34

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC54 (CONTINUED)					
	JOHNS HOPKINS UNIVERSITY	Maryland	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	144,916
	KAMAN SCIENCES CORPORATION	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	144,950
		New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	349,934
			USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	2,880
			USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	473
	CONTRACTOR TOTAL				3,353
	KLEIN ASSOCIATES INC	Ohio	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	150
	LOCAHEED MISSILES & SPACE CO	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	254
	LORAL CORPORATION	Ohio	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	10,767
	M S B SYSTEMS INC	Conn	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	49
	MARQUARDT COMPANY, THE	California	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	150
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	1,105
		New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	208
	CONTRACTOR TOTAL				1,313
	MORTON THIOKOL INC	Maryland	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	66
	ORION INTL TECHNOLOGIES	New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	323
	PELAGOS CORP	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	50
	R & D ASSOCIATES	Colorado	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	150
		New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	200
	CONTRACTOR TOTAL				350
	SOL TELECOMMUNICATION SERVICE	Arizona	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	60
	SOUTHEASTERN CTR ELEC ENG ED	Florida	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	50
	SPERRY CORPORATION	New York	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	197
	SRI INTERNATIONAL	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	201
	SRS TECHNOLOGIES	Alabama	ARMY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC54 (CONTINUED)					
	SYSCON CORPORATION	Rhode Isld	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	145
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	230
	TECOLOTE RESEARCH INC	Virginia	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	59
	TELEDYNE INC	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	465
	TEXTRON INC	Michigan	ARMY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	123
	TRW INC	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	614
		New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	691
	CONTRACTOR TOTAL				1,305
	UNIVERSITY OF NEW MEXICO	New Mexico	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	3,273
	UP-RIGHT, INC	California	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	173
	VER VAL ENTERPRISES INC	Florida	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	2,209
	VERAC INCORPORATED	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	65
	VITRO CORPORATION	Maryland	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	48
	WASHINGTON STATE UNIVERSITY	Washington	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	32
	WEIDINGER ASSOCIATES INC	California	USAF	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	60
	WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	7,496
	WHITE H P LABORATORY INC	Maryland	ARMY	RDTE/WEAPONS - ENGINEERING DEVELOPMENT	495
	R&D TOTAL				604,810
AC55	BAIRD CORPORATION	Mass	USAF	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	450
	BROGDON TOOL & DIE INC	Missouri	ARMY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	31
	CHAMBERLAIN MANUFACTURING CORP	Iowa	ARMY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	826
	FLIGHT SYSTEMS INC	New Mexico	ARMY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	266
	GOULD INC	Ohio	NAVY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	42-
	HONEYWELL INC	New Mexico	ARMY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	1,284
	HUNTING ENGINEERING LTD	UNITED KIN	USAF	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	1,287

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC55 (CONTINUED)				
MC DONNELL DOUGLAS CORPORATION	Florida	NAVY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	22,694
OKLAHOMA STATE UNIV AP SC	Florida	USAF	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	1,813
PRESEARCH INCORPORATED	Florida	NAVY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	218
RESOURCE CONSULTANTS INC	Virginia	NAVY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	299
SINGER COMPANY THE	California	NAVY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	300
TECH REPS INCORPORATED	New Mexico	USAF	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	80
VITRO CORPORATION	Maryland	NAVY	RDTE/WEAPONS - OP SYSTEMS DEVELOPMENT	80
R&D TOTAL				
AC56 ASTRON RESEARCH & ENGINEERING	California	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	29,586
DYNA EAST CORPORATION	Penn	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	456
ENFITEK INC	Texas	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	74
EOS TECHNOLOGIES INC	California	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	51
HUNTING ENGINEERING LTD	UNITED KIN	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	49
KLEIN ASSOCIATES INC	Ohio	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	129
LOCKHEED CORPORATION	California	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	288
ORTEL CORPORATION	California	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	9,218
POTOMAC SYNEGETICS INC	Virginia	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	49
SPECTRAL SCIENCES INC	Mass	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	82
SYSCON CORPORATION	D.C.	NAVY	RDTE/WEAPONS - MANAGEMENT & SUPPORT	47
TETRA CORPORATION	New Mexico	NAVY	RDTE/WEAPONS - MANAGEMENT & SUPPORT	170
TREADWELL CORPORATION	New Jersey	USAF	RDTE/WEAPONS - MANAGEMENT & SUPPORT	49
VITRO CORPORATION	Maryland	NAVY	RDTE/WEAPONS - MANAGEMENT & SUPPORT	1,798
R&D TOTAL				
AC61 A T & T TECHNOLOGIES INC	New Jersey	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	85-
	N Carolina	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	375

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC61 (CONTINUED)					
	CONTRACTOR TOTAL				
	ADVANCED CMPTER CMUNICATIONS	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	290
	ADVANCED DECISION SYSTEMS	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	139
	ADVANCED DEVICE TECHNOLOGY INC	N H	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	307
	ADVANCED DIGITAL SYSTEM INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	ADVANCED MARINE ENTERPRISES	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	ADVENT SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	234
	AERODYNE RESEARCH INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	787
	AERONUTRONIC FORD CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	ALLIED-SIGNAL INC	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	296
	AMERICAN ELECTRONIC LABS	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	637
			NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	225
			ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	274
			NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	499
	STATE TOTAL				50
	AMERICAN RES CORP VIRGINIA	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	490
	AMHERST SYSTEMS INC	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	270
	AMSTAR TECHNICAL PRODUCTS CO	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	237
	ANACAPA SCIENCES INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	41
	ANADAC INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	278
	ANALYTIC SCIENCES CORP THE	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	195
			USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	473
	STATE TOTAL				3,316
	CONTRACTOR TOTAL				3,789
	ANALYTICS INCORPORATED	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	705
		Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	783
	CONTRACTOR TOTAL				1,488

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC61 (CONTINUED)					
	APPLICATIONS RESEARCH CORP	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	48
	APPLIED BIOMEDICAL CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	48
	APPLIED SIGNAL TECHNOLOGY INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,010
	ARGOSYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,440
	ARIZONA STATE UNIVERSITY	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	138
	ASTRON CORPORATION	Virginia	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH RDTE/ELEC & COMMUNICATION EQ - RESEARCH	77 300
			STATE TOTAL		377
	ATLANTIC AEROSPACE ELEC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	63
		Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	261
			STATE TOTAL		324
	CONTRACTOR TOTAL				78
	AUTOMETRIC MANUFACTURING INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	550
	AVCO CORPORATION	Mass	ARMY NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH RDTE/ELEC & COMMUNICATION EQ - RESEARCH RDTE/ELEC & COMMUNICATION EQ - RESEARCH	199 540
			STATE TOTAL		1,389
	AYDIN CORPORATION	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	52
	BALL CORPORATION	Colorado	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	306
	BDM CORPORATION	Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	153
		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	461
			STATE TOTAL		614
	CONTRACTOR TOTAL				126
	BELL COMMUNICATIONS RESEARCH	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	150
	BENDIX FIELD ENGINEERING CORP	D C	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	160
		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	310
			STATE TOTAL		364
	CONTRACTOR TOTAL				600
	BERKELEY RESEARCH ASSOCIATES	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	
	BOLT BERANEK & NEWMAN INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
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AC61 (CONTINUED)

BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	2,395
		NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	127
STATE TOTAL				2,522
CONTRACTOR TOTAL				150
BRIMROSE CORP OF AMERICA	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	2,672
BROWNE & RAMAMOORTHY INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	100
CALIFORNIA INST OF TECHNOLOGY	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
CALIFORNIA MICROWAVE INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	115
CARNEGIE-MELLON UNIVERSITY	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	9,651
CARTWRIGHT ENGINEERING INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	138
CHI SYSTEMS INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	243
COMBUSTION ENGINEERING INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
COMMONWEALTH TECHNOLOGY INC	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,710
COMPUTER SCIENCES CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	414
	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	568
CONTRACTOR TOTAL				982
CONDOR SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	4,857
CONTROL DATA CORPORATION	Minnesota	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	4,033
COPROCESSOR CORPORATION	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49
CORNELL UNIVERSITY	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	735
CREARE RESEARCH & DEVELOPMENT	N H.	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	74
CRYSTAL SYSTEMS INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	100
CRYSTALLUME	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
DCS CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC61 (CONTINUED)				
DECISION SUPPORT TECHNOLOGY	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	47
DECISION-SCIENCE APPLICATIONS	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	48
DIGITAL EQUIPMENT CORPORATION	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	60
DIGITAL RADIO CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	97
DIGITAL SIGNAL CORPORATION	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
DYNATECH CORPORATION	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	158
E G & G INC	Nevada	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	639
ELECTRO RADIATION INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	46
ENVIRONMENTAL RSRCH INSTTE MI	Michigan	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	59
EPSILON LAMBDA ELECTRONICS	Illinois	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	180
ESL INCORPORATED	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,299
	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	69
CONTRACTOR TOTAL				1,368
EVB SOFTWARE ENGINEERING, INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49
EVI INCORPORATED	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	159
FAIRCHILD INDUSTRIES INC	D.C.	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	325
FERMIONICS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	139
FIBERTEK INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	569
FORD ARSPACE COMMUNICATIONS CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	65
	NAVY	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	692
STATE TOTAL				757
FOSTER AIRDATA SYSTEMS INC	Ohio	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	420
GENERAL DYNAMICS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	107-
	USAF	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	280
STATE TOTAL				173
GENERAL NETWORK CORP	Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	46

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC61 (CONTINUED)					
	GEODYNAMICS CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,429
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	108
	GOULD INC	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	150
	UTE PRODUCTS CORP DEL CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	2,187
		Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	472
	CONTRACTOR TOTAL				2,659
	HADRON INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,449
	HARRIS CORPORATION	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	295
	HAZELTINE CORPORATION	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	238
	HONEYWELL INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	133
		Minnesota	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	535
	CONTRACTOR TOTAL				668
	HRB-SINGER INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	367
		Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	660
	CONTRACTOR TOTAL				1,027
	HUGHES AIRCRAFT COMPANY	California	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH RDTE/ELEC & COMMUNICATION EQ - RESEARCH	27,982 30
	STATE TOTAL				28,012
	HYDROACOUSTICS INC	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	313
	HYPRES INC	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	200
	I I T RESEARCH INSTITUTE	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	2,096
	I R T CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	91
	II-VI INCORPORATED	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	INFORMATION DEV & APPLICATIONS	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	106
	INFORMATION SYSTEMS LABS	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	200

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC61 (CONTINUED)

INTEGRATED SYSTEMS, INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	\$	80
INTERFEROMETRICS INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		370
INTERNATIONAL BUS MCHS CORP	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		136
	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		60
CONTRACTOR TOTAL					196
INTERSPEC INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		49
INTERSTATE ELECTRONICS CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		230
IOWA STATE UNIV SCNC	Iowa	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		200
ITT CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		150
	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		198
		NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		2,951
STATE TOTAL					3,149
					3,299
CONTRACTOR TOTAL					120
JAYCOR	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		43
KOFORD ENGINEERING	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		56
KOR ELECTRONICS	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		89
KUNZ ASSOCIATES INC	New Mexico	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		33
L J F CORP	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		154
L N R COMMUNICATIONS INC	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		50
LASER POWER CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		97
LASERONICS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		166
LICA SYSTEMS INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		49
LINKNET	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		133
LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		147
M/A COM INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH		

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC61 (CONTINUED)					
	M/A-COM PHI INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	350
	MAGNAVOX COMPANY (INC)	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	115
	MAGNAVOX GOVT & INDUST ELECTR	Indiana	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	16,900
	MALIBU RESEARCH ASSOCIATES	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	MARTIN ACOUSTICS SFTWR TCHNLGY	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	MARTINGALE RESEARCH CORP	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49
	MC DONNELL DOUGLAS CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	258
		Missouri	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	155
	CONTRACTOR TOTAL				413
	MICROCOM CORPORATION	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	247
	MICROCUBE CORP	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	88
	MICROELECTRONICS ASSOCIATES INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	MILLITECH CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	100
	MISSION RESEARCH CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	750
	MISSION SCIENCES CORP	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	29
	NATIONAL ACADEMY OF SCIENCES	D C	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	40
	NATIONAL HYBRID INC	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	52
	NATIONAL SEMICONDUCTOR F O U	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	64
	N I D COM INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	365
	NORTH CAROLINA STATE UNIV	N Carolina	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	89 -
	NORTH TEXAS STATE UNIVERSITY	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	53
	N RTHRN POWER SYSTEMS INC	Vermont	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	86
	N RTHRN CORP	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	46
		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	45
	CONTRACTOR TOTAL				91

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
ACBI (CONTINUED)				
C A O CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	35
OHIO STATE UNIVERSITY	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	152
OREGON GRAD CNTR STUDY/RESERCH	Oregon	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	237
OSBORNE ALLEN ASSOCIATES	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49
P D A ENGINEERING	New Mexico	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	48
PGM SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	112
PHASE R CORP	N H	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	65
PLANNING SYSTEMS INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	114
POLYTECHNIC UNIV OF NEW YORK	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	125
POTOMAC SYNEGETICS INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49
PREDICTION SYSTEMS INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	132
PROCESSING RESEARCH INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	488
PROGRAMMING ENVIRONMENTS INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	100
PURDUE UNIVERSITY	Indiana	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	312
		NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	305
	STATE TOTAL			617
C O INC	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
QUALCOMM INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	47
QUANTEX CORPORATION	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
QUANTUM TECHNOLOGY INC	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
QUESTECH INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	452
RADCON	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	293
RAYTHEON COMPANY	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	89
		NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,996
		USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	282
	STATE TOTAL			2,367
RCA CORPORATION	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	2,892

PRIME CONTRACTS OVER \$25 000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
A - 1 - CONTINUED				
RESEARCH ARM OF SYRACUS	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	150
RODWEILL INTERNATIONAL CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	481
	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,026
CONTRACTOR TOTAL				1,507
DAVIDS FREEMAN ASSOCIATES INC	D C	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	105
SAN DIEGO SEMICONDUCTORS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	52
LANE ASSOCIATES INC	N H	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	682
LANIER/DAEL JOINT VENTURE	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	3,769
SCHWARTZ ELECTRO-OPTICS INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
SCIENCE APPLICATIONS INTL CORP	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	207
SCIENCE INCORPORATED	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	38
SCIENCE CORPORATION	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	48
SCIENCE RESEARCH CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	251
SCIENCE INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	351
SCIENCE COMPANY THE	California	USAF	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49
SCIENCE ENTERPRISES INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	47
SCIENCE	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49
	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	250
CONTRACTOR TOTAL				299
SCIENCE CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
SCIENCE GROUP INC	Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
SCIENCE INTERNATIONAL	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	251
	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,242	
STATE TOTAL				1,493
SCIENCE TECHNOLOGIES	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	273

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC&I (CONTINUED)					
	STANFORD TELECOMMUNICATIONS	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	244
	STATISTICAL CONSULTING ASSOC	Rhode Islid	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	150
	SYSTEM DEVELOPMENT CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,249
	SYSTEM DYNAMICS INC	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	70
	SYSTEM ENGINEERING & DEV	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	93
	SYSTEMS ENGINEERING INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	159
	SYSTEMS RESEARCH LABORATORIES	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	499
	T S C INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	565
	TACAN CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	100
	TECHNITROL INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
	TEKTRON MICRO ELECTRONICS INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1
	TEXAS INSTRUMENTS ASIA LIMITED	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	630
	TRUSTED INFORMATION SYSTEMS	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,150
	TRW INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	77
	UNIDYNAMICS CORPORATION	Arizona	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	150
	UNIFIED INDUSTRIES INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	187
	UNISYS CORPORATION	Minnesota	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	284
		New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	161
	CONTRACTOR TOTAL				445
	UNIVERSITY OF CALIFORNIA	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	48
	UNIVERSITY OF DAYTON	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	65
	UNIVERSITY OF DELAWARE INC	Delaware	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	371
	UNIVERSITY OF FLORIDA	Florida	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	128
	UNIVERSITY OF ILLINOIS	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	212
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	1,256

DEPARTMENT OF DEFENSE

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PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
(CONTINUED)				
UNIVERSITY OF PENNSYLVANIA	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	140
UNIVERSITY OF ROCHESTER	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	137
VIRGINIA PLTYCHNIC INST/ST UNI	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	77
VISTA RESEARCH CORPORATION	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	50
WEIBEL EQUIPMENT INC	DENMARK	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	35
WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	226
	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	80
CONTRACTOR TOTAL				306
XEROX CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	60
	NAVY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	250	
STATE TOTAL				310
XONTECH INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	49
YALE UNIVERSITY	Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - RESEARCH	73
R&D TOTAL				139,601
AC62 A T & T TECHNOLOGIES INC	Georgia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	710
	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	373
CONTRACTOR TOTAL				1,083
ADAMS-RUSSELL CO INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	40
ADVANCED INTEGRATED TECHNOLOGY	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	422
ADVANCED RES & APPLICATIONS	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	53
ADVANCED SYSTEMS CONCEPTS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	108
AERODYNE PRODUCTS CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
AEROJET ORDNANCE COMPANY	California	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	500
AEROSPACE MASS PRPRTS INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	88
ALLIED-SIGNAL INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	99

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)				
ALTUS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	140
ALUMINUM COMPANY OF AMERICA	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,113
ANALYSIS & COMPUTER SYSTEMS	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,961
ANALYTIC SCIENCES CORP THE	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	29
		USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	354
STATE TOTAL				383
ANALYTICS INCORPORATED	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	811
	Penn	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	74
STATE TOTAL				885
CONTRACTOR TOTAL				
APPLIED MEASUREMENT SYSTEMS	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	39
ARETE ASSOCIATES	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	550
ARINC RESEARCH CORPORATION	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	497
ASTRON CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	28
		NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	412
STATE TOTAL				440
ATLANTIC APPLIED RESEARCH	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	278
AVANTEK INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	25-
BALL CORPORATION	Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	307
BATTERY ENGINEERING	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
BDM CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	322
BELL COMMUNICATIONS RESEARCH	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	43
BGEING COMPANY THE	Washington	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	130
BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	60
		NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	452
STATE TOTAL				512
C & M TECHNOLOGY INC	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	27

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)					
	C M C ELECTRONICS INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	265
	C V D INCORPORATED	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	150
	CAMBRIDGE INSTRUMENTS INC	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	31
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	2,030
	CARNEGIE-MELLON UNIVERSITY	Penn	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	4,311
	CASCADE MICROTECH INC	Oregon	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	CENTURY COMPUTING INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	894
	CHARLES RIVER ANALYTICS INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	49
	CHI SYSTEMS INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	CLS LASER SYSTEMS INC	Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,320
	COHERENT, INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	61
	COLLINS INTERNATIONAL SV CO	Iowa	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,767
	COLUMBIA UNIVERSITY	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	145
	COMCON INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,484
	COMPUTATIONAL PHYSICS INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	25
	CONIC CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	40
	CRAIG DEVELOPMENT CORP	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	CRAMER H E COMPANY INC	Utah	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	38
	CUBIC CORPORATION	California	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	513
	CYBER COM CORP	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	395
	DART INDUSTRIES INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	485
	DCS CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	DIGITAL EQUIPMENT CORPORATION	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	849
	DIGITAL RADIO CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	483
	DIVERSIFIED DATA CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	225

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)					
	DRAPER CHARLES STARK LAB INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	100
	DREXEL UNIVERSITY	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	DYNAMICS TECHNOLOGY	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	388
	E G & G INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	80
	E I C LABORATORY INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	92
	E SYSTEMS INC	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	249
	E-OIR MEASUREMENTS INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	253
	EATON CORPORATION	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,069
	ELECTROMAGNETIC SCIENCES INC	Georgia	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	28
	ELECTROSPACE SYSTEMS INC	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	30
	ENGINEERING & ECONOMICS RES	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
		W Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	400
	CONTRACTOR TOTAL				450
	ERBTEC ENGINEERING INC	Colorado	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	133
	ESL INCORPORATED	California	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	516 3,800
	STATE TOTAL				4,316
	ESSCUBE ENGINEERING INC	New Jersey	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	270
	ESSEX CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	49
	F & H APPLIED SCIENCE ASSOC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	FAIRCHILD WESTON SYSTEMS INC	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	49
	FERMIONICS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	32
	FIBERTEK INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,613
	FLAM & RUSSELL INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	240
	FREQUENCY ELECTRONICS INC	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	216

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)					
	GAIN ELECTRONICS CORP	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	81
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	200
	GENERAL ELECTRIC COMPANY	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	321
		New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	946
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	251
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	631
		STATE TOTAL			1,828
					2,149
	GEO-CENTERS INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	49
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	68
		STATE TOTAL			167
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	814
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	75
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,110
		STATE TOTAL			1,999
	GOULD INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	191
	GRUMMAN AEROSPACE CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	311
	GTE GOVERNMENT SYSTEMS INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	8,157
	GTE PRODUCTS CORP DEL CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	100
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	413
		STATE TOTAL			513
	HARRIS CORPORATION	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	372
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	180
		STATE TOTAL			552
	HARTMANN RESEARCH INC	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	225
	HAZELTINE CORPORATION	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	181
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	570
		STATE TOTAL			751

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC62 (CONTINUED)					
	HELIONETICS, INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	\$ 4,094
	HITTITE MICROWAVE CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	342
	HONEYWELL INC	Colorado	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	182
		Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	710
		Minnesota	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	8,722
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	503
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	102
		STATE TOTAL			9,327
		Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	200
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	251
		STATE TOTAL			451
		Washington	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	579
					11,249
	CONTRACTOR TOTAL				
	HRB-SINGER INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	47
	HUGHES ACFT & TEXAS INSTR JV	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,744
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	6,466
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	874
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,009
		STATE TOTAL			8,349
		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	800
					9,149
	CONTRACTOR TOTAL				
	HYCOM INCORPORATED	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	510
	I I T RESEARCH INSTITUTE	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,205
	INTEGRATED LASER OPTICS INC	Missouri	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	35
	INTEGRATED SENSORS INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	297
	INTEGRATED SYSTEMS, INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	210
	ITT CORPORATION	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	764
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,105
		STATE TOTAL			1,869

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)					
	CONTRACTOR TOTAL				
	KOLLMORGEN CORPORATION				
	L J F CORP	Virginia	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	200 29
	LITTON INDUSTRIES INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	229
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	2,098
		California	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	102 181
		STATE TOTAL			230 6,100 6,330
	LOCKHEED ELECTRONICS COMPANY	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	497
	LOCKHEED MISSILES & SPACE CO	California	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	600 87
		STATE TOTAL			687
	LOGICON INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	339
	LORAL CORPORATION	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	271
		Ohio	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	212
		STATE TOTAL			483
	CONTRACTOR TOTAL				5,970
	LOS ALAMOS TECHNICAL ASSOC	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	25
	LTV AEROSPACE & DEFENSE CO	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	227
	M/A COM INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	232
	M/A-COM PHI INC	California	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	59
		STATE TOTAL			291
	MAGNAVOX OVRSEAS LTD	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	2,726
	MAN LABS INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	64
	MANATECK ASSOCIATES	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	85
	MARTIN MARIETTA CORPORATION	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	2,748
		Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	163

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)					
	CONTRACTOR TOTAL				
	MASSACHUSETTS INST OF TECHNOLOGY	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	2,911
	MASSACHUSETTS COMPUTER ASSOC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	428
	MASTER BOND INC	New Jersey	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,486
	MAYFLOWER COMMUNICATION CO	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	64
	MC DONNELL DOUGLAS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	88
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	163
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	103
	STATE TOTAL				266
	Missouri		NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	773
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	4,000
	STATE TOTAL				4,773
	CONTRACTOR TOTAL				5,039
	MEASUREMENT CONCEPTS INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	83
	MICHIGAN TECHNOLOGICAL UNIV	Michigan	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	667
	MICROTRONICS ASSOCIATES INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	MICROWAVE ASSOCIATES INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	31
	MILLITECH CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	MISSION RESEARCH CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	48
	MISSION SCIENCES CORP	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	67
	MOTOROLA INC	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	687
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	105
	STATE TOTAL				792
	MYK TECHNOLOGY INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	98
	NATION INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	3,035
	NEW MEXICO STATE UNIVERSITY	New Mexico	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	845
	NICHOLS RESEARCH CORPORATION	Alabama	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	118

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)					
	NORDEN SYSTEMS INC	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	214
	NOVASENSOR	California	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	68
	OPTIVISION INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	350
	ORFI SYSTEMS INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	57
	ORI/CALCULON U S CORPORATION	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	60
	ORINCON CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,166
	ORTEL CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	49
	P C O INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	30
	PACER SYSTEMS INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	558
		Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	657
	CONTRACTOR TOTAL				1,215
	PACIFIC SIERRA RESEARCH CORP	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	98
	PAR TECHNOLOGY CORPORATION	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	269
	PENN COMPUTER ASSOCIATES INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	108
	PERKIN-ELMER CORPORATION	Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,844
	PHYSICAL SCIENCES INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	PIEZO TECHNOLOGY INC	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	325
	PINNACLE RESEARCH INSTITUTE	California	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	147
	PLANAR SYSTEMS INC	Oregon	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	350
	POLHEMUS NVGTN SCNC INC	Vermont	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	262
	PREDICTION SYSTEMS INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	360
	QUANSCAN INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	143
	QUANTEX CORPORATION	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	49
	QUEST RESEARCH CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	408
	R F MONOLITHICS	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AC62 (CONTINUED)

RAYTHEON COMPANY	Mass	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	\$ 243 457
CONTRACTOR TOTAL	Rhode Isl	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	700
				336
				1,036
RCA CORPORATION	New Jersey	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	88 269
				357
				320
RECOGNITION CONCEPTS INC	Nevada	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	139
RECON OPTICAL INC	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	245
RESEARCH OPPORTUNITIES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	116
RESEARCH TRIANGLE INSTITUTE	N Carolina	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	41 157
				963
ROCKWELL INTERNATIONAL CORP	California	ARMY NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,146 300
				2,409
ROME RESEARCH CORP	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	303
ROSENBAUM HAROLD ASSOCIATES	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	265
RUTGERS, THE STATE UNIVERSITY	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
S C S TELECOM INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	326
	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	408
				734
CONTRACTOR TOTAL	D.C.	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	222
SACHS FREEMAN ASSOCIATES INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	123
SAFT AMERICA INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	1,406
SAN DIEGO STATE UNIV FOUNDATN				

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)					
	SANDERS ASSOCIATES INC	N.H.	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	303
	SAWYER RESEARCH PRODUCTS INC	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	149
	SCHAFER W J ASSOCIATES INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	SCHWARTZ ELECTRO-OPTICS INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
	SCI TEC INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	219
	SCIENCE & ENGINEERING ASSOC	New Mexico	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	74
	SCIENCE APPLICATIONS INTL CORP	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	2,216
		Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	550
					2,766
CONTRACTOR TOTAL					
	SCIENTIFIC RESEARCH ASSOC	Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	147
	SIEMENS CAPITAL CORPORATION	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	346
	SIMULATION ASSOCIATES INC	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	2,531
	SOFTWARE PRODUCTIVITY SOLUTIONS	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	100
	SONALYSTS INC	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	35
	SOUTHEASTERN CTR ELEC ENG ED	Florida	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	130
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	266
	SPARTA INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	319
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	50
					369
STATE TOTAL					
	SPERRY CORPORATION	Minnesota	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	250
	SPIRE CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	100
	SRI INTERNATIONAL	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	16,471
	STAR MICROWAVE	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	250
	STEINBRECHER CORP	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	240
	SYSTEM RESOURCES CORP	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	430

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC&2 (CONTINUED)					
	SYSTEMS EXPLORATION INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	274
	SYSTRAN CORP	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	125
	T A O GROSS INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	408
	T S C INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	726
	TCOM CORP	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	575
	TELEDYNE INDUSTRIES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	34
	TELEPHONICS CORPORATION	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	230
	TEXAS INSTRUMENTS ASIA LIMITED	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	95
	TEXAS INSTRUMENTS INCORPORATED	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	2,724
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	27
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	149
	STATE TOTAL				2,900
	THOMSON-C S F COMPONENTS CORP	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	94
	TRACOR APPLIED SCIENCES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	716
	TRW INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	3,947
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	605
	STATE TOTAL				4,552
	CONTRACTOR TOTAL				
		Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	101
					4,653
	TURBO POWER & MARINE SYSTEMS	Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	193
	UNISYS CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	51
	UNIVERSITY OF CAL SAN DIEGO	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	188
	UNIVERSITY OF CALIFORNIA	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	60
	UNIVERSITY OF COLORADO	Colorado	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	40
	UNIVERSITY OF FLORIDA	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	450
	UNIVERSITY OF ILLINOIS	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	60

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC62 (CONTINUED)					
	UNIVERSITY OF LOWELL	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	493
	UNIVERSITY OF NEBRASKA	Nebraska	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	58
	VARIAN ASSOCIATES INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	105
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	122
			USAF	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	133
	STATE TOTAL				360
	VENTANA SCIENCES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	83
	VIRGINIA PLTYCHNIC INST/ST UNI	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	136
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	242
	STATE TOTAL				378
	WEST VIRGINIA UNIVERSITY	W Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	99
	WESTINGHOUSE ELECTRIC CORP	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	5,228
			NAVY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	925
	STATE TOTAL				6,153
	CONTRACTOR TOTAL				6,75
	WHITTAKER CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	6,828
	XETRON CORPORATION	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	146
	ZEGER-ABRAMS INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - EXPLOR DEV	490
	R&D TOTAL				250
	AC63 A T & T TECHNOLOGIES INC	Georgia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	177,566
		N Carolina	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	715
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	348
			USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	17,294
	STATE TOTAL				707
	CONTRACTOR TOTAL				18,349
	ADVENT SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	19,064
	AEROSPACE MASS PRPRTS INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	100
					100

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
ARIZONA SIGNAL INC	Arizona	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	656
MARYLAND	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	11,917
CALIFORNIA	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	12,573
CALIFORNIA	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	58
PENN	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	60
VIRGINIA	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	73
NEW YORK	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	80
CALIFORNIA	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	57
CONN	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	446
MASS	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	395
CALIFORNIA	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	425
NEW YORK	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	58
NEW JERSEY	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	225
PENN	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	493
MARYLAND	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	180
CALIFORNIA	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	673
USAF	USAF	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	5,500
ARMY	ARMY	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	183
USAF	USAF	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	350
ARMY	ARMY	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	26
USAF	USAF	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	193
ARMY	ARMY	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	140
ARMY	ARMY	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	559
ARMY	ARMY	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	699
ARMY	ARMY	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	846

DOLLAR SUMMARY OF FEDERAL SUPPLY CLASSIFICATION AND
SERVICE CATEGORY BY C.. (U) WASHINGTON HEADQUARTERS
SERVICES (DOD) DC DIRECTORATE FOR INF.. 1987

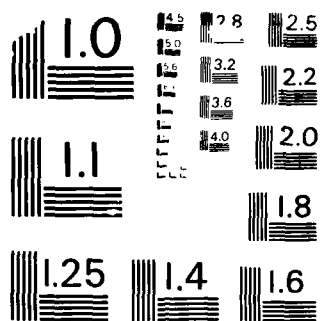
UNCLASSIFIED

SERVICE CATEGORY: 01 U.S. WASHINGTON PERSONNEL
SERVICES (DOD) DC DIRECTORATE FOR INF. 1907
DIOR/ST06-87/PT-1. F

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC63 (CONTINUED)

CONTRACTOR TOTAL	Washington	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	\$
BUNTON INSTRUMENT CO INC		USAF			1,377
C M ENGINEERING CO	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		260
CALIFORNIA MICROWAVE INC	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		1,637
CALSPAN CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		2,483
	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		61
	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		118
					56
					1,436
					72
					1,508
CARTWRIGHT ENGINEERING INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		125
CENTRAL STATE UNIVERSITY	Oklahoma	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		45
COLLINS INTERNATIONAL SV CO	Iowa	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		1,220
		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		1,637
					2,857
COMPUSEC, INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		527
COMPUTER SCIENCES CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		420
CONAX CORPORATION	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		48
DARTMOUTH COLLEGE	N.H.	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		225
DATASONICS INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		354
DAVID SARNOFF RESEARCH LABS	New Jersey	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		189
DEL NORTE TECHNOLOGY INC	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		92
DYNASTAT INC	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		113
E SYSTEMS INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		1,812
	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		589
CONTRACTOR TOTAL					2,401

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
AC63 (CONTINUED)					
	EAGLE TECHNOLOGY INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	6,288
	EATON CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	979
	EDAL INDUSTRIES INCORPORATED	Conn	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	101
	EDWARDS COMM ELECTRO OPTICS	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	50
	ELECTRO MECHANICAL DESIGN SVCS	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	32
	EMERSON ELECTRIC CO	Missouri	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	491
	ENCLOSURE CORPORATION	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	65
	ENVIRONMENTAL RSRCH INSTTE MI	Michigan	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	631
	ESL INCORPORATED	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	3,677
	ETM-ELECTROMATIC INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	600
	EYRING RESEARCH INSTITUTE INC	Utah	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	764
	FAIRCHILD WESTON SYSTEMS INC	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,117
	FALON INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	85
	FIBER MATERIALS INC	Maine	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	140
	FLAM & RUSSELL INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	49
	FLIGHT SYSTEMS INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,237
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,648
	G T E LABORATORIES INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	185
	GCA CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	291
	GENERAL DYNAMICS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,288
		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	7,754	
	STATE TOTAL				9,042
		Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	325
	CONTRACTOR TOTAL				9,367
	GENERAL ELECTRIC COMPANY	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,489
		New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	100

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
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AC63 (CONTINUED)

	NAVY			RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	\$ 15,188
	USAF			RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	39,379
	STATE TOTAL				54,667
	Ohio	USAF		RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	279
	Penn	USAF		RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	304
	CONTRACTOR TOTAL				56,739
	GENERAL RESEARCH CORPORATION	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	45
		Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	843
	CONTRACTOR TOTAL				888
	GENERAL SIGNAL CORPORATION	Maine	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	30
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,310
		USAF		RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	4,716
	STATE TOTAL				6,026
	GOULD INC	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	360
		Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	609
	CONTRACTOR TOTAL				969
	GRUMMAN AEROSPACE CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	407
	GTE GOVERNMENT SYSTEMS INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	177
		USAF		RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	10-
	STATE TOTAL				167
	GTE PRODUCTS CORP DEL CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	735
		USAF		RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	175-
	STATE TOTAL				560
	CONTRACTOR TOTAL				1,697
	HARRIS CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,257
		Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,174
		USAF		RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,647
	STATE TOTAL				3,821

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC63 (CONTINUED)				
CONTRACTOR TOTAL				
HAZELTINE CORPORATION	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	\$ 1,921
	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	5,742
	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	362
		NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	3,049
		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,155
		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	3,323
	STATE TOTAL			6,527
CONTRACTOR TOTAL				
HITITE MICROWAVE CORPORATION	Illinois	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	67
HONEYWELL INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,320
	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	81
	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	51
		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,107
	STATE TOTAL			2,158
	Minnesota	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	300
		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	22,716
	STATE TOTAL			23,016
	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,526
	STATE TOTAL			29,101
CONTRACTOR TOTAL				
HUGHES AIRCRAFT COMPANY	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	422
	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	37,710
		NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	19,388
		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	12,197
	STATE TOTAL			69,295
	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	69,717
	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	59
		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	500-
	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,968
	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	14,939
CONTRACTOR TOTAL				
INFOTEC DEVELOPMENT INC				
INTEL CORPORATION				
INTERMETRICS INC				
INTERNATIONAL BUS MCHS CORP				

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC63 (CONTINUED)

	INTERSPEC INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	\$ 16,702
	IRECO INCORPORATED	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	31,641
	IRVINE SENSORS CORPORATION	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	326
	ITE INC	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	179
	ITEK CORPORATION	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	275
	ITT CORPORATION	New Jersey	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	395
		Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	130
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	42
					2,141
					816
					118
					3,117
	CONTRACTOR TOTAL				500
	ITT WESTINGHOUSE JOINT VENTURE	New Jersey	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	139
	JAYCOR	D.C.	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	45
	KAVLICO CORPORATION	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	38
	KEYSTONE COMPUTER ASSOCIATES	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	148
	KRUG INTERNATIONAL CORPORATION	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	127
	LITTON INDUSTRIES INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	223
			USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	350
					80
	LITTON SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	701
		Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	781
	CONTRACTOR TOTAL				340
	LOCKHEED ELECTRONICS COMPANY	New Jersey	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	242
	LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	99
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC63 (CONTINUED)

LORAL CORPORATION	STATE TOTAL				\$	341
	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			96
	Ohio	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			5- 126
	STATE TOTAL					121
CONTRACTOR TOTAL						217
	LTV AEROSPACE & DEFENSE CO	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			432
	LTV CORPORATION THE	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			725
	M/A COM LINKABIT INC	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			2,729
	MAC AULAY-BROWN INC	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			150
	MAGNAVOX GOVT & INDUST ELECTR	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			357 3,103
	STATE TOTAL					3,460
CONTRACTOR TOTAL						82
	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			3,542
	Colorado	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			114 1,012
	STATE TOTAL					1,126
CONTRACTOR TOTAL						18,916
	Florida	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			\$56
	STATE TOTAL					19,472
CONTRACTOR TOTAL						158
	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			20,756
	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			203
CONTRACTOR TOTAL						469
	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			2,125
	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			7,311
CONTRACTOR TOTAL						
	Missouri	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP			
	STATE TOTAL					

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC63 (CONTINUED)

CONTRACTOR TOTAL					\$	590
	MERIT TECHNOLOGY INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		10,026
	MICROWAVE POWER EQUIPMENT	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		50
	MILLITECH CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		90
	MINNESOTA MIN & MFG COMPANY	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		233
	MISSION RESEARCH CORPORATION	Minnesota	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		38
	MOTOROLA INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		108
		Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		7,028
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		5,082
			USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		782
	STATE TOTAL					12,892
	NATIONAL SEMICONDUCTOR CORP	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		613
	NEW MEXICO STATE UNIVERSITY	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		106
	NORDEN SYSTEMS INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		400
		Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		400
			USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		4,194
	STATE TOTAL					4,594
	CONTRACTOR TOTAL					4,994
	NORTHROP CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		1,407
			USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		2,506
	STATE TOTAL					3,913
		Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		720
			USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		732
	STATE TOTAL					1,452
		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		200
	CONTRACTOR TOTAL					5,565
	ODYSSEY RESEARCH ASSOCIATES	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		410

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC63 (CONTINUED)					
	OPTIMETRICS INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	\$ 488
	OPTONEC DESIGN COMPANY	New Mexico	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	49
	PALISADES INST FOR RES SVS	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	144
	PAR TECHNOLOGY CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	590
	PERKIN-ELMER CORPORATION	Conn	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	50 860
		STATE TOTAL			910
	PGM SYSTEMS INC.	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	77
	PHELAN COMPUTING INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	72
	POWER CONVERSION INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	68
	QUEST RESEARCH CORPORATION	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,169
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	729
	CONTRACTOR TOTAL				1,898
	QUESTECH INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	310
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	873
					1,183
	R & D ASSOCIATES	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,600
	RAYTHEON COMPANY	California	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,510 1,495
		STATE TOTAL			4,005
		Mass	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,338 11,262
		STATE TOTAL			12,600
		New Jersey	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	299
		Rhode Isld	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	575
	CONTRACTOR TOTAL				17,479

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC63 (CONTINUED)					
	RCA CORPORATION	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	4,104
	RECON OPTICAL INC	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,035
	RENSELAER POLYTECHNIC INST	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	413
	RESEARCH & DEV LABORATORIES	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,966
	RESEARCH ASSOC. OF SYRACUS	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	146
	RESEARCH TRIANGLE INSTITUTE	N Carolina	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	760 634
		STATE TOTAL			1,394
	ROBINTech INCORPORATED	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	228
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	6,025
		Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	150
					6,175
	CONTRACTOR TOTAL				
	S C S TELECOM INC	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	125
	SAFT AMERICA INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	52
	SANDERS ASSOCIATES INC	N.H.	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,406 107
		STATE TOTAL			2,513
	SCI TEC INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	608
	SCIENCE APPLICATIONS INTL CORP	California	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	300 124
		STATE TOTAL			424
		Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,177
		Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	144
					1,745
	CONTRACTOR TOTAL				
	SCIENTIFIC SYSTEMS INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,000
	SCOPE INCORPORATED	Virginia	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	622 742
		STATE TOTAL			1,364

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC63 (CONTINUED)					
	SIGNAL SCIENCE INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,233
	SIMULA INC	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	26
	SINGER COMPANY THE	New Jersey	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	3,616 490
		STATE TOTAL			4,106
	SOFTECH INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,293
		Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	349
		Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	671
		CONTRACTOR TOTAL			2,313
	SOFTWARE PRODUCTIVITY SOLUTNS	Florida	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	300
	SOUTH DAKOTA, STATE OF	S Dakota	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	44
	SOUTHEASTERN CTR ELEC ENG ED	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	217
	SPARTON CORPORATION	Michigan	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	377
	SPERRY CORPORATION	Minnesota	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	183 590
		STATE TOTAL			773
		New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	15,644
		Utah	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	81 1,704
		STATE TOTAL			1,785
					18,202
	CONTRACTOR TOTAL				4,519
	SRI INTERNATIONAL	California	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	28-
		STATE TOTAL			4,491
	STANFORD LELAND JUNIOR UNIV	California	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,350 428
		STATE TOTAL			1,778
	SUNDSTRAND DATA CONTROL INC	Washington	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	260

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC63 (CONTINUED)					
	SYNETICS CORPORATION	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	422
	SYRACUSE RESEARCH CORP	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	2,162
	SYSTEM DEVELOPMENT CORPORATION	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	11,935
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	96
	SYSTEMATICS GENERAL CORP	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	626
	SYSTEMS & 'PPLIED SCIENCES	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	437
	SYSTEMS EXPLORATION INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	3,163
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	932
	SYSTRAN CORP	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	775
	T R W ELECTRONIC PRODUCTS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	350
	T S C INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	340
	TECHNOLOGY FOR COMMNCNTS INTL	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	527
	TELEDYNE ENERGY SYSTEMS	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,677
	TEXAS INSTRUMENTS INCORPORATED	Colorado	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	101
		Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	12,753
			USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	11,614
					24,367
	STATE TOTAL				24,468
	CONTRACTOR TOTAL				
	TLD SYSTEMS LTD	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	35
	TRACOR APPLIED SCIENCES INC	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	50
		Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	50
	CONTRACTOR TOTAL				100
	TRACOR MBA	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	250
	TRICOR SYSTEMS INC	Illinois	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	139
	TRW INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	1,495

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		
AC63 (CONTINUED)						
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		8,864
			USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		33,329
		STATE TOTAL				43,688
		Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		942
		Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		1,328
	CONTRACTOR TOTAL					45,958
	ULTRASYS	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		391
	INCORPORATED	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		1,201
	UNISYS CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		666
	CONTRACTOR TOTAL					1,867
	UNITED TECHNOLOGIES CORP	Colorado	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		957
	CONTRACTOR TOTAL	Conn	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		599
						1,556
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		175
	UNIVERSITY OF KANSAS	Kansas	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		165
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		691
	VANTAGE CONSULTING AND RESEAR	Oregon	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		50
	VARIAN ASSOCIATES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		510
	CONTRACTOR TOTAL	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		3,341
						3,851
	VERAC INCORPORATED	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		544
	VIRGINIA PLYTHNIC INST/ST UNI	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		108
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		55
		STATE TOTAL				163
	WAGNER CARLIEL H ASSOCIATES	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		619
	WESTINGHOUSE ELECTRIC CORP	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP		1,974

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC63 (CONTINUED)					
	ZYCAD CORPORATION		USAF	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	\$ 26,222
		STATE TOTAL			28,196
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ADV DEVELOP	465
	R&D TOTAL				583,274
AC64	A A I CORPORATION	Maryland	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	365 5,492
		STATE TOTAL			5,857
	A T & T TECHNOLOGIES INC	New Jersey	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,558
		N Carolina	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	92,536
	CONTRACTOR TOTAL				96,094
	ADVANCED SYSTEMS DEVELOPMENT	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,078
	AHNTech INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	222
	ALLIED-SIGNAL INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	200 -
		Maryland	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,461 307
		STATE TOTAL			2,768
	CANADA		USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	50
	CONTRACTOR TOTAL				2,618
	AMERICAN ELECTRONIC LABS	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,476
	AMERICAN ELECTRONICS, INC	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	336
	AMERICAN NATION CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	63
	AMERICAN SYSTEMS CORPORATION	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	8,971
	ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	185
	ANALYTICAL SYSTEMS ENGRG CORP	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	10,318
		Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,305
	CONTRACTOR TOTAL				12,623

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION		
AC64 (CONTINUED)						
	ANALYTICS INCORPORATED	Penn	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	\$	30 208
			STATE TOTAL			238
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		1,424
						1,662
	CONTRACTOR TOTAL					
	APPLIED SIGNAL TECHNOLOGY INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		885
	ARGOSYSTEMS INC	California	ARMY NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		759 259
			STATE TOTAL			1,018
	ARINC RESEARCH CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		492
	AUTOMETRIC MANUFACTURING INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		450
	AVNET INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		154
	AYDIN CORPORATION	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		47
	BBN COMMUNICATIONS CORP	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		257
	BENDIX FIELD ENGINEERING CORP	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		1,196
	BOEING COMPANY THE	Alabama	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		4,007
		Kansas	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		4,868
		Washington	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		16,886 101,526
			STATE TOTAL			118,412
	CONTRACTOR TOTAL					127,287
	BOLT BERANEK & NEWMAN INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		248
	BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		142
	C M C ELECTRONICS INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		65
	C N R INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		200
	CALIFORNIA MICROWAVE INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		76
	CALSPAN CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		4,824

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		\$
AC64 (CONTINUED)						
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		370 2,480
		STATE TOTAL				2,850
	CHASE INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		25
	CHELTON INC	UNITED KIN	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		263
	CINCINNATI ELECTRONICS CORP	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		3,030
	CLS LASER SYSTEMS INC	Conn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		100
	COLLINS INTERNATIONAL SV CO	Iowa	ARMY NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		6,119 3,108 154
		STATE TOTAL				9,381
	COMARCO INC	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		4,805
	COMBUSTION ENGINEERING INC	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		200
	COMPUTER SCIENCES CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		70
		New Jersey	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		4,369
	CONTRACTOR TOTAL					4,439
	CONTRAVES GOERZ CORPORATION	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		940
	CONTROL DATA CANADA LIMITED	CANADA	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		1,765
	CONTROL DATA CORPORATION	Minnesota	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		13,288
	CUBIC CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		2,020
	DATATAPE INCORPORATED	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		216
	DATRON SYSTEMS INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		49
	DBA SYSTEMS INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		164
	DELPHI RESEARCH, INC	New Mexico	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		297
	DIAGNOSTIC/RETRIEVAL SYSTEMS	New Jersey	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		299
	DIGITAL EQUIPMENT CORPORATION	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		193

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC64 (CONTINUED)					
	DIGITAL SIGNAL CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	737
	DIVERSIFIED DATA CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	217
	DORNIER GMBH	GERMANY, F	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	54
	DRAPER CHARLES STARK LAB INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	137
	DYNETICS INC	Alabama	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,284
	E G WASH ANALYTICAL SVCS CTR	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	132
	E SYSTEMS INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	11,809
	EAGLE TECHNOLOGY INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	616
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	445
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,791
		NAVY	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	53
		STATE TOTAL			1,844
	CONTRACTOR TOTAL				2,905
	EATON CORPORATION	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	7,134
		USAF	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	15,455
		STATE TOTAL			22,589
	ELECTRONIC DECISIONS, INC	Illinois	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	100
	ELECTRONIC WARFARE ASSOCIATES	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	425
	ELECTROSPACE SYSTEMS INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	455
	EMERSON ELECTRIC CO	Missouri	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,107
	ENGINEERING RESEARCH ASSOC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,893
	ENVIRONMENTAL RSRCH INSTTE MI	Michigan	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	190
	ESL INCORPORATED	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	6,194
	EVALUATION RESEARCH CORP	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	464
	FAIRCHILD WESTON SYSTEMS INC	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	400
		Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,075

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AC64 (CONTINUED)

CONTRACTOR TOTAL					\$	3,475
FORD ARSPACE COMMUNICATIONS CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			7,340
		USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			37,770
STATE TOTAL						45,110
Maryland						118
ARMY						45,228
RDTE/ELEC & COMMUNICATION EQ - ENGR DEV						
CONTRACTOR TOTAL						50
FREDERICK ELECTRONICS CORP	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			300
G E C AVIONICS LTD	UNITED KIN	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			12,003
GENERAL DYNAMICS CORPORATION	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			4,443
GENERAL ELECTRIC COMPANY	Alabama	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			42,516
	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			5,000
		USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			47,516
STATE TOTAL						51,959
CONTRACTOR TOTAL						178
GEODYNAMICS CORPORATION	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			994
GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			1,655
		USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			2,649
STATE TOTAL						60,000
FLORIDA						7,845
USAF						59,752
RDTE/ELEC & COMMUNICATION EQ - ENGR DEV						180,924
CONTRACTOR TOTAL						248,521
GTE GOVERNMENT SYSTEMS INC						308,521
GTE PRODUCTS CORP DEL CORP	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			16,114
HARRIS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			2,292
	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV			21,208

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		\$
AC64 (CONTINUED)					
STATE TOTAL					
HARRIS-MAGNAVOX SYSTEMS CO(JV)	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		1,951-
HAZELTINE CORPORATION	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		19,257
		NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		19,644
	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		704
		ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		1,485
					2,189
CONTRACTOR TOTAL					
HEWLETT-PACKARD COMPANY	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		39
HONEYWELL INC	Minnesota	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		1,135
	New Mexico	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		292
	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		538
	Washington	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		134
CONTRACTOR TOTAL					
HRB-SINCER INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		2,099
	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		470
					311
CONTRACTOR TOTAL					
HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		781
		NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		6,842
		USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		23,938
					10,591
STATE TOTAL					
	Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		41,371
CONTRACTOR TOTAL					
I I T RESEARCH INSTITUTE	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		6,018
I M R SYSTEMS CORPORATION	Kansas	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		47,389
INFORMATION DEV & APPLICATIONS	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		148
INFORMATION SYSTEMS NTRKS CORP	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		348
INTERMETRICS INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV		2,436
					56
					828

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC64 (CONTINUED)					
	CONTRACTOR TOTAL				
	INTERNATIONAL BUS MCHS CORP	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	534
					1,362
		New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	4,972
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	443
	STATE TOTAL				5,415
		Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	329,919
					335,334
	CONTRACTOR TOTAL				23,039
	INTERSTATE ELECTRONICS CORP	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	30-
	ITEK CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	25
	ITT CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	12,251
		Indiana	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,484
					3,961
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,190
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	6,635
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	18,911
	STATE TOTAL				249
	CONTRACTOR TOTAL				65
	K V H INDUSTRIES INC	Rhode Isl	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,059
	LITTON SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	747
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,871
	STATE TOTAL				473
	LOCKHEED ELECTRONICS COMPANY	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,264
	LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	5,209
		Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	19,777
		Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	28,250
	CONTRACTOR TOTAL				2,623
	LOCUS INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC64 (CONTINUED)					
	CONTRACTOR TOTAL				
	LOGICON INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	217
					2,840
		California	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,480
		Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,871
					5,351
	CONTRACTOR TOTAL				7,675
	LORAL CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	9,020
		Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	16,695
	CONTRACTOR TOTAL				592
	LORAL HYCOR INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	168
	LTV AEROSPACE & DEFENSE CO	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,178
	MAC AULAY-BROWN INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	704
	MAGNAVOX GOVT & INDUST ELECTR	Indiana	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	35,992
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	36,696
		STATE TOTAL			17,917
	MARTIN MARIETTA CORPORATION	Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	14,870
		Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	32,787
	CONTRACTOR TOTAL				35
	MC DONNELL DOUGLAS CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,350
		Missouri	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	7,576
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	8,926
		STATE TOTAL			8,961
	CONTRACTOR TOTAL				1,827
	METRIC SYSTEMS CORPORATION	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	417
	MICROWAVE LABORATORIES INC	N Carolina	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	19,905
	MOTOROLA INC	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,926
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
	NEW MEXICO STATE UNIVERSITY	New Mexico	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	23,831
	NORTHROP CORPORATION	Illinois	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,910 3,155 2,368
		STATE TOTAL			5,523
		Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	5,572
					11,095
	CONTRACTOR TOTAL				3,331
	NUCLEAR RESEARCH CORPORATION	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	50
	ORINCON CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	120
	P C C TECHNICAL INDUSTRIES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	94
	PAR TECHNOLOGY CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	678
	PLANNING RESEARCH CORPORATION	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	383
		Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,061
					800
	CONTRACTOR TOTAL				129
	POTOMAC SYSTEMS ENGINEERING	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	289
	QUANTEL INTERNATIONAL, INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	458
	QUEST RESEARCH CORPORATION	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,883
	RAYTHEON COMPANY	California	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,341
		STATE TOTAL			41,162 180,225
		Mass	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	221,387
		STATE TOTAL			14,010
		Rhode Islnd	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	65
		Washington	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	237,803
	CONTRACTOR TOTAL				

AC64 (CONTINUED)

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC64 (CONTINUED)					
	RCA CORPORATION	New Jersey	ARMY NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,811 998 29,437
		STATE TOTAL			32,246
		Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	81
	CONTRACTOR TOTAL				32,327
	REFLECTONE INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,540-
	REL INCORPORATED	Florida	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	4,052 4,244
		STATE TOTAL			8,296
	RICOH CORPORATION	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	150
	ROCAWELL INTERNATIONAL CORP	California	ARMY NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	58 220 298
		STATE TOTAL			576
		Iowa	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	44-
		Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	14,017
	CONTRACTOR TOTAL				14,549
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	571
	SANDERS ASSOCIATES INC	N H	ARMY NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	180 12,905 16,633
		STATE TOTAL			29,718
	SCHLUMBERGER TECHNOLOGY CORP	Michigan	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,021
	SCIENCE APPLICATIONS INTL CORP	Alabama	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	485
		California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	137
		New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	146
		Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	738
	CONTRACTOR TOTAL				1,506

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC64 (CONTINUED)					
	SEACO INC	Hawaii	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	25
	SEMCOR INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,144
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	100
			STATE TOTAL		1,244
	SINGER COMPANY THE	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,602
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,012
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	7,546
			STATE TOTAL		12,160
		Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	138
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,499
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,614
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	65,061
			STATE TOTAL		70,174
	CONTRACTOR TOTAL				82,472
	SIPPICAN INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,766
	SOFTTECH INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	189
		Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,754
			CONTRACTOR TOTAL		1,943
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	40
	SPARTON CORPORATION	Michigan	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	648
	SPERRY CORPORATION	Minnesota	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	13,608
	SRI INTERNATIONAL	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,035
	STANFORD TELECOMMUNICATIONS	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	503
	STEWART ASSOCIATES INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	545
	SUMMIT TECHNOLOGIES, INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	193
	SYNERTECH ASSOCIATES, INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	562
	SYSTEM DEVELOPMENT CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	2,453
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,199

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
	CONTRACTOR TOTAL				
	SYSTEM ENGINEERING & DEV	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,652
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	145
	SYSTEMS EXPLORATION INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	827
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,393
	SYSTRAN CORP	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	946
	T R W ELECTRONIC PRODUCTS INC	Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	59
	TECHDYN SYSTEMS CORPORATION	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,565
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,700
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	173
			USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,045
	STATE TOTAL				1,218
	CONTRACTOR TOTAL				2,918
	TEKTRONIX INC	Oregon	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	37
	TELEDYNE INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	230
			NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	126
	STATE TOTAL				356
	TELEDYNE INDUSTRIES INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	5,953
		Utah	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,783
	CONTRACTOR TOTAL				7,736
	TEXAS INSTRUMENTS INCORPORATED	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	31,992
	TEXTRON INC	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,550
	THINKING MACHINES CORPORATION	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	4,568
	TITAN CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	1,529
	TRACOR APPLIED SCIENCES INC	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	606
	TRACOR INC	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	851
	TRW INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - ENGR DEV	3,457

AC64 (CONTINUED)

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC65 (CONTINUED)

	CONTRACTOR TOTAL			NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	\$	16,545
ADAMS-RUSSELL CO INC		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			16,707
		Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			17,157
CONTRACTOR TOTAL							112
ADVANCED DIGITAL SYSTEM INC		California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			373
ALLIED-SIGNAL INC		Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			485
		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			1,880
		NAVY	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			39
		NAVY	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			149
		NAVY	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			455
STATE TOTAL							604
		CANADA	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			400
CONTRACTOR TOTAL							1,043
ALPHA INDUSTRIES INC		Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			97
AMERICAN ELECTRONIC LABS		Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			115
ANALYSIS & COMPUTER SYSTEMS		Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			4,081
ANALYSIS & TECHNOLOGY INC		Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			82
ANALYTICS INCORPORATED		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			1,796
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			29
		Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			85
CONTRACTOR TOTAL							1,910
ANTENNA CORP OF AMERICA		Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			62
APPLIED SIGNAL TECHNOLOGY INC		California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			685
ARGOSYSTEMS INC		California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			5,140
ATLANTIC RESEARCH CORPORATION		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			82
ATLANTIC-PACIFIC TECHNOLOGIES		California	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV			206

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AC65 (CONTINUED)					
	AUTOMATED SCIENCES GROUP INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	\$ 1,086
	B G S SYSTEMS INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	137
	BBN LABORATORIES	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	487
	BDM CORPORATION	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	379
			NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	160
	STATE TOTAL				539
	BELCON ENGINEERING INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	96
	BOEING COMPANY THE	Washington	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	200
	BOLT BERANEK & NEWMAN INC	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	108
		Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	416
			NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	6,550
	STATE TOTAL				6,966
	CONTRACTOR TOTAL				7,074
	BOOZ ALLEN & HAMILTON INC	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,277
	BUGSHAN A S & BROS	SAUDI ARAB	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	486
	C N R INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	92
	CARNEGIE-MELLON UNIVERSITY	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	6,782
	CATERPILLAR INC	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,050
	CELERITEK, INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	25
	CHRONOMETRICS INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	190
	CINCINNATI ELECTRONICS CORP	Ohio	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	271
			NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	653
	STATE TOTAL				924
	COLLINS INTERNATIONAL SV CO	Iowa	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	16,163
			USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	16,986
	STATE TOTAL				33,149
	COLUMBIA UNIVERSITY	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	530

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
AC65 (CONTINUED)					
	COMTEK RESEARCH INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	5,928
	COMPUTER CORPORATION AMERICA	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,108
	COMPUTER SCIENCE INNOVATIONS	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	91
	COMPUTER SCIENCES CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	4,722
		Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	44
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	169
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	537
	CONTRACTOR TOTAL				5,472
	COMPUTER-TEK INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	172
	CONDOR SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	475
	CONTROL DATA CORPORATION	Minnesota	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	289
	CORVUS SYSTEMS INCORPORATED	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	406
	D S I COMPUTER SERVICES INC	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	33
	DATOTEK INC	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	516
	DEFENSE SYSTEMS INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	60
	DESIGN ENGINEERING LABS	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	339
	DIGITAL SIGNAL CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	25
	DIGITAL SYSTEMS GROUP INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	200
	DOSS AVIATION, INC	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	3,329
	DRAGON SYSTEMS INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	80
	E C CORPORATION	Kentucky	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,317
	E G & G INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	74
	E SYSTEMS INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	395
	E-BEAM DATA SYSTEMS INC	Conn	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	48
	E-OIR MEASUREMENTS INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	748

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	--R&D DESCRIPTION--	
AC65 (CONTINUED)					
	EATON CORPORATION	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	\$ 369
	ELECTROMAGNETIC TECHNOLOGY INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	598
	ELECTROSPACE SYSTEMS INC	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	216
	EMERSON ELECTRIC CO	Missouri	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,149
	ENCORE CORPORATION	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	6,656
	ENGINEERING & ECONOMICS RES	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	915
	ENGINEERING RESEARCH ASSOC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	194
	ESL INCORPORATED	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	13,804
		Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	146
		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	3,321
	CONTRACTOR TOTAL				17,271
	EVALUATION RESEARCH CORP	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	2,903
	EVALUATION SERVICES INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	92
	EVI, INCORPORATED	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	384
	FAIRCHILD SEMICONDUCTOR CORP	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	352
	FAIRCHILD WESTON SYSTEMS INC	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	717
			NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	260
	STATE TOTAL				977
	CONTRACTOR TOTAL				328
	FLAM & RUSSELL INC	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,305
		Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	835
			NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	144
	STATE TOTAL				979
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	970
		Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	25,203
			USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	37,497

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-
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AC65 (CONTINUED)

CONTRACTOR TOTAL					STATE TOTAL	\$	62,700
FREQUENCY ELECTRONICS INC	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			101
G E C AVIONICS LTD	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			63,771
GENERAL DYNAMICS CORPORATION	UNITED KIN	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			863
	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			1,795
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			8,980
							158
	STATE TOTAL						9,138
CONTRACTOR TOTAL					STATE TOTAL	\$	6,583
GENERAL ELECTRIC COMPANY	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			15,721
	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			99
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			280
		USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			1,225
	STATE TOTAL						1,604
CONTRACTOR TOTAL					STATE TOTAL	\$	14,286
GENERAL OPTRONICS CORP	Penn	USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			15,890
GENSOFT CORPORATION	New Jersey	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			64
GEODYNAMICS CORPORATION	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			487
GEORGIA INSTITUTE TECHNOLOGY	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			442
GOULD INC	Georgia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			247
	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			249
	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			127
CONTRACTOR TOTAL					STATE TOTAL	\$	376
GRUMMAN AEROSPACE CORPORATION	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			800
		USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			560
	STATE TOTAL						1,360
GTE GOVERNMENT SYSTEMS INC	Mass	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV			156

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		\$
AC65 (CONTINUED)						
	GTE PRODUCTS CORP DEL CORP					
	CONTRACTOR TOTAL					
	STATE TOTAL					
	Virginia	ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		57,336
		ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		1,364
						58,700
	California	ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		4,313
		USAF		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		705
	STATE TOTAL					5,018
	Maryland	ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		23,064
	Mass	ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		2,135
		USAF		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		58,221
	STATE TOTAL					60,356
						88,438
	CONTRACTOR TOTAL					608
	H & H AEROSPACE DESIGN INC	USAF		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		10,757
	HARRIS CORPORATION	ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		9,958
		ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		20,715
	HAZELTINE CORPORATION	ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		182
	HONEYWELL INC	NAVY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		34
		ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		150
		ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		3,242
	CONTRACTOR TOTAL					3,426
	HRB-SINGER INC	ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		7,426
		USAF		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		2,183
	STATE TOTAL					9,609
	HUGHES AIRCRAFT COMPANY	NAVY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		171
		ARMY		RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		75

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC65 (CONTINUED)	CONTRACTOR TOTAL				
	HYDROACOUSTICS INC	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	246
	I I T RESEARCH INSTITUTE	Illinois	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,339
	I M R SYSTEMS CORPORATION	Kansas	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	5,956
	I W G CORP	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,210
	INDUSTRIAL DATA LINK CORP	California	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	541
	INFORMATION DEV & APPLICATIONS	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	171
	INFORMATION TRANSFER INDUS	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	2,385
	INOTEC	S Carolina	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	103
	INSTITUTE FOR DEF ANALYSES	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	118
	INTERMETRICS INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	9,500
	INTERNATIONAL BUS MCHS CORP	Maryland	ARMY USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	46 111 29,955
	CONTRACTOR TOTAL				30,066
	ITT CORPORATION	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	5,000
		Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	450
					35,516
		California	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	45 460
	CONTRACTOR TOTAL				505
		Indiana	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	2,823
		New Jersey	ARMY NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	7,666 102,619 12,990
	CONTRACTOR TOTAL				123,275
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	36-
					126,567

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R/C	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
A015 (CONTINUED)					
	J R S RESEARCH LABORATORIES.	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,432
	JETRONIC INDUSTRIES INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	85
	KAMAN SCIENCES CORPORATION	Colorado	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	135
	KESTREL INSTITUTE	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	129
	LITTON INDUSTRIES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	49
	LITTON SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	649
			NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	5,021
	STATE TOTAL				5,670
		Colorado	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	223,617
	CONTRACTOR TOTAL				229,287
	LOCKHEED ELECTRONICS COMPANY	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	500
	LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	38,086
			NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	3,016
	STATE TOTAL				41,102
		Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	195
		Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	303
	CONTRACTOR TOTAL				41,600
	LORAL CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	2,803
		Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	156
	CONTRACTOR TOTAL				2,959
	MAGNAVOX GOVT & INDUST ELECTR	Indiana	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	500
	MANTECH ADVANCED SYSTEMS INTL	D.C.	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	664
	MANTECH INTERNATIONAL CORP	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,208
		Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	619
	CONTRACTOR TOTAL				1,827
	MARTIN MARIETTA CORPORATION	Colorado	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	38-
			USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	362

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AC65 (CONTINUED)

CONTRACTOR TOTAL		STATE TOTAL	\$	
MASSACHSTTS INST OF TECHNOLOGY	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	324
MC DONNELL DOUGLAS CORPORATION	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	270
MERDAN GROUP	Missouri	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	594
MESA TECHNOLOGY CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	650
MICROCUBE CORP	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	88,116
MICROWAVE LABORATORIES INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	500
MISSION RESEARCH CORPORATION	N Carolina	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	458
MOTOROLA INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	48
	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	63
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	336
		ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	2,548
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	150
			STATE TOTAL	2,698
MYSTTECH ASSOCIATES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	274
NACHTRIEB KARL	GERMANY, F	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	32
NIGHT VISION SYSTEMS	Florida	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	32
NORDEN SYSTEMS INC	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	2,400
NORTHROP CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	150
	Illinois	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	383
			CONTRACTOR TOTAL	533
ORI/CALCULON U S CORPORATION	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	3,119
	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,295
			CONTRACTOR TOTAL	4,414
ORINCON CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	423
P C O INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	75

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC65 (CONTINUED)					
	PACER SYSTEMS INC	Mass	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,107
	PACIFIC SIERRA RESEARCH CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	338
	PALISADES INST FOR RES SVS	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,145
	PAR TECHNOLOGY CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	491
	PENNSYLVANIA STATE UNIV	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	31,112
	PHOTODYNE INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	37
	PIEZO TECHNOLOGY INC	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	130
	PLANNING SYSTEMS INC	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	60
	PROBE SYSTEMS INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	3,861
	PROCESSING RESEARCH INC	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	545
	PURVIS SYSTEMS INCORPORATED	New York	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	813
	QUANTITATIVE INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	156
	QUEST RESEARCH CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	488
	RAYTHEON COMPANY	Mass	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	29,695 19,028
			STATE TOTAL		48,723
	RCA CORPORATION	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	105
		New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	1,598
			CONTRACTOR TOTAL		1,703
	REP-SAC CORPORATION	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	93
	RESEARCH & DEV LABORATORIES	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	158
	RESEARCH TRIANGLE INSTITUTE	N Carolina	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	490
	RICOH CORPORATION	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	160
	RMS TECHNOLOGIES INCORPORATED	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	5,940
	ROCKWELL INTERNATIONAL CORP	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	200

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC65 (CONTINUED)					
	STATE TOTAL				
	Iowa	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		12,948
		USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		200
	STATE TOTAL				
	Iowa	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		13,348
		USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		8,756
			RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		8,801
	STATE TOTAL				
	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		17,557
	STATE TOTAL				
	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		4,969
	STATE TOTAL				
	N.H.	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		35,874
		USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		2,139
			RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		4,412
	STATE TOTAL				
	Florida	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		2,273
	STATE TOTAL				
	Alabama	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		46
	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		211
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		1,219
			RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		48
	STATE TOTAL				
	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		1,267
	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		88
	STATE TOTAL				
	Georgia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		372
		USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		1,938
			RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		694
			RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		7,722
	STATE TOTAL				
	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		8,416
	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		206
	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		197
	STATE TOTAL				
	Conn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		534
	Illinois	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		731
	STATE TOTAL				
	Illinois	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		61
	STATE TOTAL				
	Illinois	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		10,272

CONTRACTOR TOTAL

SANDERS ASSOCIATES INC

SCHWARTZ ELECTRO-OPTICS INC

SCIENCE APPLICATIONS INTL CORP

CONTRACTOR TOTAL

SCIENTIFIC-ATLANTA INC

SCOPE INCORPORATED

SINGER COMPANY THE

CONTRACTOR TOTAL

SONALYSTS INC

SONICRAFT INC

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC65 (CONTINUED)

SOUTHEASTERN CTR ELEC ENG ED	Florida	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	\$	633
SOUTHERN RESEARCH INSTITUTE	Alabama	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		60
SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		146
SPARTON CORPORATION	Michigan	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		314
SPERRY CORPORATION	Minnesota	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		2,500
SRI INTERNATIONAL	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		558
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		386
	STATE TOTAL				944
STANFORD LELAND JUNIOR UNIV	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		5,197
STANTEL COMPONENTS INC	Illinois	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		53
STEVENS INSTITUTE TECHNOLOGY	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		164
STONEFIELD OMICRON LTD	UNITED KIN	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		46
SUNDSTRAND DATA CONTROL INC	Washington	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		85
SYSCON CORPORATION	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		278
SYSTEM DEVELOPMENT CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		343
SYSTEM ENGINEERING & DEV	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		100
SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		148
SYSTEMATICS GENERAL CORP	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		410
SYSTEMS & APPLIED SCIENCES	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		835
SYSTEMS RESEARCH LABORATORIES	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		200
T S C INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		147
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		525
	STATE TOTAL				672
TECHNITROL INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		692
TECHNOLOGY FOR COMMCTNS INTL	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		887
TECOM INDUSTRIES INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		115

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC65 (CONTINUED)

TELEDYNE INDUSTRIES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	\$ 1,000
TEXAS INSTRUMENTS INCORPORATED	Colorado	USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	44
	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	2,787
		USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	239
STATE TOTAL					3,026
CONTRACTOR TOTAL					3,070
TRI-BETA OF ARLINGTON	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	101
TRW INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	2,949
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	18,229
		USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	15,806
STATE TOTAL					36,984
CONTRACTOR TOTAL					2,500
ULTRASYSTEMS INCORPORATED	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	39,484
UNISYS CORPORATION	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	864
	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	1,893
	Virginia	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	842
		NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	8,773
STATE TOTAL					9,615
CONTRACTOR TOTAL					11,508
UNITED ST DEPT INTERIOR	Louisiana	OCE	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	55
UNIVERSITY OF CALIFORNIA	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	2,432
UNIVERSITY OF HOUSTON SYSTEM	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	210
UNIVERSITY OF TEXAS SYSTEM	Texas	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	16,060
UNIVERSITY OF WASHINGTON	Washington	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	1,420
UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	100
VARIAN ASSOCIATES INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	50
WESTINGHOUSE ELECTRIC CORP	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - OP	SYS DEV	4,300

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		
AC65 (CONTINUED)						
	CONTRACTOR TOTAL					
	ZEGER-ABRAMS INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV	\$	396
	R&D TOTAL	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - OP SYS DEV		4,696
	AC66 A P A OPTICS INC	Minnesota	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		50
	ADVANCED DECISION SYSTEMS	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		75
	ADVANCED DIGITAL SYSTEM INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		48
	AMERASIA TECHNOLOGY INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	ARBUS INC	Nevada	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	ASTRO-MED INC	Rhode Isld	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		56
	ASTRON CORPORATION	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		219
	ATACS CORPORATION	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		48
	ATEAM CORP	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		418
	BDM CORPORATION	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		1,307
	BDM MANAGEMENT SERVICES CO	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		1,111
	BENDIX FIELD ENGINEERING CORP	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		240
	BLOOM E J ASSOCIATES INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		41
	BRIMROSE CORP OF AMERICA	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		59
	C V D EQUIPMENT CORPORATION	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		50
	C3CM TST ENGR	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		3,171
	CASCADE MICROTECH INC	Oregon	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		74
	CLEVELAND CRYSTALS INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		250
	COMPUTATIONAL LOGIC, INC	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		222
	COMPUTER TOOL & DIE SYSTEMS	Michigan	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	CRYSTAL SYSTEMS INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		26

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		\$
AC66 (CONTINUED)						
	CYBER OPTICS CORPORATION	Minnesota	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		50
	DAMASKOS INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		489
	DECISION SCIENCE CONSORTIUM	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		370
	E-TEK DYNAMICS INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	EXPERT-EASE SYSTEMS, INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	GAERTNER W W RESEARCH INC	Conn	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		407
	GLYNN SCIENTIFIC INC	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		46
	HITTITE MICROWAVE CORPORATION	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		63
	HUGHES AIRCRAFT COMPANY	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		50
	II-VI INCORPORATED	Penn	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		130
	INCUBATOR TECHNOLOGIES INC	Missouri	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	INSTRUMENT RESEARCH COMPANY	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	INTEGRATED SOFTWARE INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		352
	INTEGRITY SYSTEMS INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		275
	INTERNATIONAL BUS MCHS CORP	New York	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		70
	J R S RESEARCH LABORATORIES.	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		333
	KTECH CORPORATION	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		201
	L N R COMMUNICATIONS INC	New York	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		115
	LICA SYSTEMS INC	Virginia	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	LIGHTWAVE ELECTRONICS CORP	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		50
	M B DYNAMICS INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		50
	M/A COM LINKABIT INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		5,131
	MAGNAVOX GOVT & INDUST ELECTR	New Jersey	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		603
	MARTINGALE RESEARCH CORP	Texas	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		52
	MICROBAC LABORATORIES INC	Penn	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		37

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC66 (CONTINUED)					
	MOTOROLA INC	Arizona	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	95
	NICHOLS RESEARCH CORPORATION	Alabama	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	49
	PEAK SYSTEMS, INC	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	50
	PERCEPTICS CORPORATION	Tennessee	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	385
	PERKIN-ELMER CORPORATION	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	149
	PERSIS TECHNOLOGY INC	New Jersey	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	47
	PHOTONICS INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	63
	PHYSICAL DYNAMICS INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	287
	PINNACLE RESEARCH INSTITUTE	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	47
	POLYTRONIX INC	Texas	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	50
	Q-DOT INC	Colorado	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	155
	QUANTEX CORPORATION	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	182
	QUANTIC INDUSTRIES, INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	134
	RAMSEARCH CO	Maryland	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	99
	SCIENCE & ENGINEERING ASSOC	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	47
	SCIENCE APPLICATIONS INTL CORP	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	162
	SCIENTIFIC RESEARCH ASSOC	Conn	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	185
	SIGMA RESEARCH INC	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	48
	SIGNAL TECHNOLOGY INC	California	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	35
	SILICON DESIGNS INC	Washington	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	100
	SPACE COMPUTER CORP	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	50
	SPARTA INC	California	NAVY USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	50 473
	STATE TOTAL				523
	SPECTRON DEVELOPMENT LABS	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP	185

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		\$
AC66 (CONTINUED)						
	SPIRE CORPORATION	Mass	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		440
	SRS TECHNOLOGIES	Alabama	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	SYNERGISTIC DETECTOR DESIGNS	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	SYSCON CORPORATION	New Mexico	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		2,197
	SYSTEM ENGINEERING & DEV	Maryland	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		68
	TARTAN LABORATORIES INC	Penn	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		114
	TAU CORPORATION	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		49
	TAWD SYSTEMS INCORPORATED	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		64
	TECH TEAM INC	Washington	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		26
	TECHNICAL RESEARCH ASSOCIATES	Utah	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		250
	THREE C SYSTEMS INC	Penn	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		91
	TRW INC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		105
		Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		8,530
	CONTRACTOR TOTAL					8,635
	UNITED TECHNOLOGIES CORP	Conn	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		93
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		226
	VEDA INCORPORATED	Virginia	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		550
	VERAC INCORPORATED	California	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		168
	WALLACE TECH CERAMIC	California	ARMY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		42
	WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		76
	WINTEC INC	Florida	USAF	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		272
	WON I J GEOPHEX LTD	N Carolina	NAVY	RDTE/ELEC & COMMUNICATION EQ - MGMT & SUP		177
	R&D TOTAL					33,494
	AC91 GENERAL ELECTRIC COMPANY	Mass	NAVY	RDTE/MISC HARD GOODS - RESEARCH		2,300
	MARTIN MARIETTA CORPORATION	Maryland	NAVY	RDTE/MISC HARD GOODS - RESEARCH		28

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC91 (CONTINUED)					
	MATERIAL & ELECTROCHEMICAL	Arizona	USAF	RDTE/MISC HARD GOODS - RESEARCH	62
	OHIO STATE UNIVERSITY	Ohio	ARMY	RDTE/MISC HARD GOODS - RESEARCH	97
	ROCKWELL INTERNATIONAL CORP	California	NAVY	RDTE/MISC HARD GOODS - RESEARCH	198
	SIPPICAN INC	Mass	NAVY	RDTE/MISC HARD GOODS - RESEARCH	38
	SRI INTERNATIONAL	California	USAF	RDTE/MISC HARD GOODS - RESEARCH	85
	TRANSMAGNETICS INC	New York	NAVY	RDTE/MISC HARD GOODS - RESEARCH	49
	ULTRASYSYSTEMS WESTERN CONSTR	California	NAVY	RDTE/MISC HARD GOODS - RESEARCH	50
	VERAC INCORPORATED	California	NAVY	RDTE/MISC HARD GOODS - RESEARCH	647
	R&D TOTAL				3,554
AC92 ALLIED-SIGNAL INC					
		California	ARMY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	92
		New Jersey	ARMY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	333
	CONTRACTOR TOTAL				425
	AMERICAN OPTICAL CORPORATION	Mass	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	256
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	187
	CITY UNIVERSITY OF NEW YORK	New York	ARMY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	50
	COMPUTATIONAL PHYSICS INC	Virginia	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	63
	DECISION-SCIENCE APPLICATIONS	Virginia	USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	44
	DYNATECH CORPORATION	Mass	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	74
	EVAPORATED COATINGS INC	Penn	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	36
	FOSTER-MILLER INC	Mass	ARMY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	684
	GENERAL ELECTRIC COMPANY	New York	USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	405
	HARRIS CORPORATION	Florida	USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	375
	HONEYWELL INC	Minnesota	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	234
		USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	350	
	STATE TOTAL				584

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		
AC92 (CONTINUED)						
	HUGHES AIRCRAFT COMPANY	California	NAVY USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP	\$	543 557
		STATE TOTAL				1,100
	INTEGRATED SYSTEMS, INC	California	USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		155
	INTERCONTINENTAL EQUIPMENT INC	ITALY	ARMY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		72-
	LOUISIANA STATE UNIVERSITY	Louisiana	USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		49
	MARTIN MARIETTA CORPORATION	Maryland	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		109
	MICROWAVE MODULE & DEVICES	California	USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		85
	MTS SYSTEMS CORPORATION	Minnesota	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		429
	RCA CORPORATION	Virginia	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		475
	ROCHESTER INST OF TECHNOLOGY	D.C.	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		40
	SCHAFER W J ASSOCIATES INC	Mass	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		135
	SCIENCE APPLICATIONS INTL CORP	Virginia	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		975
	SRI INTERNATIONAL	California	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		118
	STANFORD LELAND JUNIOR UNIV	California	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		130
	UNIVERSITY OF ARIZONA	Arizona	USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		98
	UNIVERSITY OF CAL SAN DIEGO	California	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		190
	UNIVERSITY OF ROCHESTER	New York	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		57
	UNIVERSITY OF TENNESSEE	Tennessee	ARMY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		50
	UNIVERSITY OF UTAH	Utah	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		85
	VARIAN ASSOCIATES INC	California	NAVY	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		151
	WASHINGTON STATE UNIVERSITY	Washington	USAF	RDTE/MISC HARD GOODS - EXPLORATORY DEVELOP		50
	R&D TOTAL					7,592
AC93	ATLANTIC RESEARCH CORPORATION	Virginia	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP		299
	AVIONIC INSTRUMENTS INC	New Jersey	ARMY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP		383
	CHAMBERLAIN MANUFACTURING CORP	Illinois	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP		121

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC93 (CONTINUED)					
	DAUBIN SYSTEMS CORPORATION	Florida	ARMY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	147
	DESPATCH INDUSTRIES INC	Minnesota	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	96
	E G G WASH ANALYTICAL SVCS CTR	Virginia	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	3,277
	GENERAL DYNAMICS CORPORATION	California	ARMY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	30
	HARRIS CORPORATION	Florida	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	492
	HAZELTINE CORPORATION	New York	ARMY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	315
	HONEYWELL INC	California	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	178
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	423
	INTERNATIONAL BUS MCHS CORP	New York	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	2,022
	LICA SYSTEMS INC	Virginia	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	226
	LOCKHEED ENGRG & MGT SVCS CO	Utah	ARMY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	3,162
	LORAL CORPORATION	Arizona	ARMY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	46
	NOAH HOWDEN INC	California	ARMY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	33
	PAR TECHNOLOGY CORPORATION	New York	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	224
	POTOMAC PHOTONICS INC	D.C.	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	60
	SCIENTIFIC MEASUREMENT SYSTEMS	Texas	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	562
	SCIPAR INCORPORATED	New York	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	100
	SIPPICAN INC	Mass	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	35
	SPERRY CORPORATION	Utah	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	405
	STANDARD MANUFACTURING CO	Texas	ARMY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	99
	SUNDSTRAND DATA CONTROL INC	Washington	USAF	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	1,229
	TEXAS RESEARCH INSTITUTE INC	Texas	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	391
	UNITED TECHNOLOGIES CORP	Conn	NAVY	RDTE/MISC HARD GOODS - ADVANCED DEVELOP	371
	R&D TOTAL				14,726
	AC94 A A I CORPORATION	Maryland	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT	3,500

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		
AC94 (CONTINUED)					
ALLIED-SIGNAL INC	New York	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT	\$	357
AQUA-CHEM INC	Wisconsin	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		187
BRUNSWICK CORPORATION	Florida	ARMY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		1,232
	Penn	ARMY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		40
CONTRACTOR TOTAL					
CACI INTERNATIONAL INC	Florida	USAF	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		1,272
CARTWRIGHT ENGINEERING INC	California	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		214
DONALDSON COMPANY INC	Minnesota	ARMY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		3,338
DRAPER CHARLES STARK LAB INC	Mass	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		273
EMERSON ELECTRIC CO	California	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		127
GENERAL ELECTRIC COMPANY	Alabama	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		178
	Mass	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		17,593
		NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		13,496
CONTRACTOR TOTAL					
HARSCO CORPORATION	Penn	ARMY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		31,089
HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		239
I L C INDUSTRIES (DELAWARE)	Delaware	ARMY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		160
		USAF	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		6,266
			RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		1,000
STATE TOTAL					
KAMAN SCIENCES CORPORATION	Mass	ARMY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		7,266
KRUG INTERNATIONAL CORPORATION	Ohio	ARMY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		102
LEWCOTT CORP	Mass	ARMY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		52
MARITIME DYNAMICS INC	Maryland	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		56
MINISTRY OF DEFENSE UK	UNITED KING	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		58
N D T TECHNOLOGIES INC	Conn	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		6,200
OEA, INC	Colorado	NAVY	RDTE/MISC HARD GOODS - ENGR DEVELOPMENT		50
					120

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AC94 (CONTINUED)

PACCAR INC	Washington	USAF	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	\$ 1,305-
RALOID MACHINE CORPORATION	Maryland	NAVY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	323
ROLLS-ROYCE INC	UNITED KIN	NAVY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	4,400
SINGER COMPANY THE	New York	NAVY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	9,541
		USAF	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	2,602

STATE TOTAL

12,143

Texas

USAF RDTE/MISC HARD GOODS - ENGR DEVELOPMENT

2,116

CONTRACTOR TOTAL

14,259

SUNPOWER INC	Ohio	ARMY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	538
TEKTRONIX INC	California	NAVY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	28
TELEDYNE INC	Alabama	ARMY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	1,225
TEXAS INSTRUMENTS ASIA LIMITED	Texas	NAVY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	177
TEXAS INSTRUMENTS INCORPORATED	Texas	NAVY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	117
TRACOR-HYDRONAUTICS, INC	Maryland	NAVY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	73
TVI CORPORATION	Maryland	ARMY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	783
VER VAL ENTERPRISES INC	Florida	USAF	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	2,699
VITRO CORPORATION	Maryland	NAVY	RDTE/MISC	HARD GOODS - ENGR DEVELOPMENT	77

R&D TOTAL

78,232

AC95 AIR PRODUCTS & CHEMICALS	Penn	ARMY	RDTE/MISC	HARD GOODS - OP SYSTEMS DEVELOP	167
AMERICAN SYSTEMS CORPORATION	Virginia	ARMY	RDTE/MISC	HARD GOODS - OP SYSTEMS DEVELOP	818
ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/MISC	HARD GOODS - OP SYSTEMS DEVELOP	117
ANDRULIS RESEARCH CORP	Utah	ARMY	RDTE/MISC	HARD GOODS - OP SYSTEMS DEVELOP	571
BDM CORPORATION	Virginia	USAF	RDTE/MISC	HARD GOODS - OP SYSTEMS DEVELOP	4,381
COMBUSTION SCIENCES INC	Illinois	ARMY	RDTE/MISC	HARD GOODS - OP SYSTEMS DEVELOP	127
CONTRAVES GOERZ CORPORATION	Penn	USAF	RDTE/MISC	HARD GOODS - OP SYSTEMS DEVELOP	730

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC95 (CONTINUED)					
	CRAMER H E COMPANY INC	Utah	ARMY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	35
	ELECTRONIC IMAGE SYSTEMS INC	Ohio	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	100
	GENERAL INSTRUMENT CORP DEL	Mass	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	380
	GRUMMAN AEROSPACE CORPORATION	New York	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	2,144
	I R T CORPORATION	California	ARMY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	34
	LITTON ARROW PRODUCTS	California	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	94
	MAGNAVOX OVRSEAS LTD	California	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	163
	MARQUARDT COMPANY, THE	California	USAF	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	40
	MEDVED RESEARCH & TECHNOLOGY	California	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	97
	RENSELAEER POLYTECHNIC INST	New York	ARMY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	46
	REYNOLDS METALS COMPANY	Virginia	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	181
	ROBOTIC VISION SYSTEMS INC	New York	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	520
	SIEMENS AG	GERMANY, F	USAF	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	501
	SYSTEMS RESEARCH LABORATORIES	Ohio	ARMY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	100
	TI COATING INC	Michigan	USAF	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	399
	TREECO INC	Alabama	NAVY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	75
	UNIROYAL INC	Indiana	ARMY	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	89
	WYLE LABORATORIES	California	USAF	RDTE/MISC HARD GOODS - OP SYSTEMS DEVELOP	783
	R&D TOTAL				12,692
AC96	ADVANCED COMM SYSTEMS	Maryland	ARMY	RDTE/MISC HARD GOODS - MGMT & SUPPORT	119
	CREARE RESEARCH & DEVELOPMENT	N.H.	USAF	RDTE/MISC HARD GOODS - MGMT & SUPPORT	185
	FATIGUE TECHNOLOGY INC	Washington	NAVY	RDTE/MISC HARD GOODS - MGMT & SUPPORT	49
	GEO-CENTERS INC	Mass	USAF	RDTE/MISC HARD GOODS - MGMT & SUPPORT	53
	LINK SYSTEMS USA, INC	UNITED KIN	NAVY	RDTE/MISC HARD GOODS - MGMT & SUPPORT	58
	PROGRESSIVE BLASTING SYSTEMS.	Michigan	USAF	RDTE/MISC HARD GOODS - MGMT & SUPPORT	275

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AC96 (CONTINUED)					
	RESOURCE EXPANDERS CORP	California	NAVY	RDTE/MISC HARD GOODS - MGMT & SUPPORT	124
	SABBAGH ASSOCIATES INC	Indiana	NAVY	RDTE/MISC HARD GOODS - MGMT & SUPPORT	497
	SCIENCE APPLICATIONS INTL CORP	California	ARMY	RDTE/MISC HARD GOODS - MGMT & SUPPORT	233
	TRACOR INC	Texas	NAVY	RDTE/MISC HARD GOODS - MGMT & SUPPORT	305
	ULTRASYSTEMS INCORPORATED	California	ARMY	RDTE/MISC HARD GOODS - MGMT & SUPPORT	110
	R&D TOTAL				2,008
AD11	AMERICAN RES CORP VIRGINIA	Virginia	NAVY	RDTE/AMMUNITION - RESEARCH	496
	GEO-CENTERS INC	Mass	NAVY	RDTE/AMMUNITION - RESEARCH	1,267
	HONEYWELL INC	Minnesota	ARMY	RDTE/AMMUNITION - RESEARCH	36-
	MISSISSIPPI STATE UNIVERSITY	Miss	USAF	RDTE/AMMUNITION - RESEARCH	171
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/AMMUNITION - RESEARCH	75
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/AMMUNITION - RESEARCH	75
	WESTINGHOUSE ELECTRIC CORP	Penn	NAVY	RDTE/AMMUNITION - RESEARCH	500
	R&D TOTAL				2,548
AD12	A A I CORPORATION	Maryland	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	2,866
	AEROJET GENERAL CORPORATION	California	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	873
	AEROJET ORDNANCE COMPANY	California	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	1,317
	ATLANTIC RESEARCH CORPORATION	Virginia	USAF	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	131
	AVCO CORPORATION	Mass	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	395
	BAKELIHFABRIKEN	NORWAY	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	3,631
	CALSPAN CORPORATION	New York	USAF	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	270
	CRITON TECHNOLOGIES	California	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	835
	DSET LABORATORIES, INC	Arizona	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	85
	FMC CORPORATION	Minnesota	USAF	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	732
	GENERAL DEFENSE CORPORATION	Penn	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	290-

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD12 (CONTINUED)					
	GENERAL ELECTRIC COMPANY	Mass	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	2,462
	HONEYWELL INC	Minnesota	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	407
	KDI PRECISION PRODUCTS INC	Maryland	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	50
	MAXWELL LABORATORIES INC	California	NAVY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	1,250
	OLIN CORPORATION	Illinois	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	32
	QUEST RESEARCH CORPORATION	Virginia	NAVY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	35
	RCA CORPORATION	Mass	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	225
	SAFETY CONSULTING ENGINEERS	Illinois	USAF	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	196
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	305
	UNIVERSITY OF PITTSBURGH	Penn	NAVY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	65
	XMCO INC	New York	NAVY	RDTE/AMMUNITION - EXPLORATORY DEVELOPMENT	80
	R&D TOTAL				15,952
AD13 A I CORPORATION					
	AEROJET ELECTROSYSTEMS CO	Maryland	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	2,419
	AEROJET GENERAL CORPORATION	California	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	10,321
	AEROJET ORDNANCE COMPANY	California	USAF	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	173
	ATLANTIC RESEARCH CORPORATION	California	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	95
	AUTOMETRIC INC	Arkansas	USAF	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	341
	AVCO CORPORATION	Virginia	USAF	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	120
	BRUNSWICK CORPORATION	Mass	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	5,025
	DYNA EAST CORPORATION	Virginia	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	437
	GENCORP INC	Penn	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	41-
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	264
	GENERAL ELECTRIC COMPANY	California	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	1,513
		Mass	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	7,556
		Vermont	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	2,811

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD13 (CONTINUED)					
	CONTRACTOR TOTAL				
	HERCULES INCORPORATED	W Virginia	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	10,367
	HONEYWELL INC	Minnesota	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	12,641
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	36,439
	ICI AMERICAS INC	Penn	NAVY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	275
	INDIANA ORDNANCE INC	Indiana	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	32
	LORAL CORPORATION	Ohio	NAVY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	73
	OLIN CORPORATION	Illinois	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	150
	PHYSICS INTERNATIONAL COMPANY	California	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	5,207
	PROLL MOLDING CO INC	New Jersey	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	118
	TALLEY DEFENSE SYSTEMS INC	Arizona	ARMY	RDTE/AMMUNITION - ADVANCED DEVELOPMENT	211
	R&D TOTAL				6,745
					92,925
	AD14 ABEX CORPORATION	New Jersey	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	657
	AEROJET ELECTROSYSTEMS CO	California	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	7,953
	AEROJET GENERAL CORPORATION	California	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	18,489
	AEROJET ORDNANCE COMPANY	California	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	34-
	AMRON CORPORATION	Wisconsin	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	189
	APPLIED COMBUSTION TECHNOLOGY	Florida	NAVY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	54
	AVCO CORPORATION	Mass	USAF	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	309
	BRUNSWICK CDC	Florida	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	500-
	BULOVA SYSTEMS & INSTRUMENTS	New York	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	1,187
	CAMPBELL ENGINEERING INC	Alabama	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	2,990
	CHAMBERLAIN MANUFACTURING CORP	Illinois	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	498
		Iowa	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	287
		Mass	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	92

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD14 (CONTINUED)					
	CONTRACTOR TOTAL				
	DYNAMIT NOBEL AG	GERMANY, F	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	877
	EMCO INC	Alabama	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	352
	EVEREADY BATTERY CO, INC	Vermont	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	267
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	357
	GENERAL DEFENSE CORPORATION	Penn	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	4,244
	HERCULES INCORPORATED	Delaware	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	66-
	HONEYWELL INC	Florida	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	170
		Minnesota	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	9,979
			ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	34,189
			NAVY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	38
	STATE TOTAL				34,227
	CONTRACTOR TOTAL				44,206
	HUGHES AIRCRAFT COMPANY	California	NAVY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	28,739
	INTERNATIONAL MILITARY SERVICE	UNITED KIN	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	74-
	ISC DEFENSE SYSTEMS INC	Penn	NAVY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	700
	ISRAEL MILITARY INDUSTRIES	ISRAEL	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	234
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	1,912
	LORAL HYCOR INC	Mass	USAF	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	119
	MOTOROLA INC	Arizona	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	18,199
			NAVY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	421
	STATE TOTAL				18,620
	OLIN CORPORATION	Illinois	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	648
	TALLEY DEFENSE SYSTEMS INC	Arizona	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	1,451
	VALENTEC DAYRON INC	Florida	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	374
	WAGNER CASTINGS COMPANY	Illinois	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	345
	WRIGHT-MALTA CORP	New York	ARMY	RDTE/AMMUNITION - ENGINEERING DEVELOPMENT	241

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
R&D TOTAL					
AD15	A A I CORPORATION	Maryland	ARMY	RDTE/AMMUNITION - OP SYSTEMS DEVELOPMENT	31-
	ABEX CORPORATION	New Jersey	ARMY	RDTE/AMMUNITION - OP SYSTEMS DEVELOPMENT	33
	GENERAL ELECTRIC COMPANY	Vermont	ARMY	RDTE/AMMUNITION - OP SYSTEMS DEVELOPMENT	493
	MOTOROLA INC	Arizona	ARMY	RDTE/AMMUNITION - OP SYSTEMS DEVELOPMENT	113
	NIMAS CORPORATION	California	ARMY	RDTE/AMMUNITION - OP SYSTEMS DEVELOPMENT	26
	WESTERN DESIGN CORPORATION	California	ARMY	RDTE/AMMUNITION - OP SYSTEMS DEVELOPMENT	218
R&D TOTAL					
AD16	APPLIED CONCEPTS CORP	Virginia	ARMY	RDTE/AMMUNITION - MGMT & SUPPORT	852
	FMC CORPORATION	California	ARMY	RDTE/AMMUNITION - MGMT & SUPPORT	984
	HONEYWELL INC	Minnesota	ARMY	RDTE/AMMUNITION - MGMT & SUPPORT	47-
	INTERACTIVE TELEVISION CO	Virginia	ARMY	RDTE/AMMUNITION - MGMT & SUPPORT	26
	KOI PRECISION PRODUCTS INC	Ohio	ARMY	RDTE/AMMUNITION - MGMT & SUPPORT	76
	N D I ENGINEERING COMANY	New Jersey	ARMY	RDTE/AMMUNITION - MGMT & SUPPORT	777
R&D TOTAL					
AD21	ANDERSON JAMES P CO	Penn	ARMY	RDTE/SERVICES - RESEARCH	35
	ARMAMENT SYSTEMS INC	California	ARMY	RDTE/SERVICES - RESEARCH	1,851
	BBN COMMUNICATIONS CORP	Mass	ARMY	RDTE/SERVICES - RESEARCH	90
	BDM CORPORATION	Virginia	ARMY	RDTE/SERVICES - RESEARCH	40
	BLACK J VEATCH	Missouri	USAF	RDTE/SERVICES - RESEARCH	141
	BOLT BERANEK & NEWMAN INC	Mass	ARMY NAVY	RDTE/SERVICES - RESEARCH RDTE/SERVICES - RESEARCH	482 397
STATE TOTAL					
	CALIFORNIA INST OF TECHNOLOGY	California	ARMY	RDTE/SERVICES - RESEARCH	12,721
	CARLOW ASSOCIATES INC	Virginia	ARMY	RDTE/SERVICES - RESEARCH	57
	CATERPILLAR INC	Illinois	ARMY	RDTE/SERVICES - RESEARCH	12,778
STATE TOTAL					
	CALIFORNIA INST OF TECHNOLOGY	California	ARMY	RDTE/SERVICES - RESEARCH	50
	CARLOW ASSOCIATES INC	Virginia	ARMY	RDTE/SERVICES - RESEARCH	283
	CATERPILLAR INC	Illinois	ARMY	RDTE/SERVICES - RESEARCH	83

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD21 (CONTINUED)					
	CATHOLIC UNIVERSITY OF AMER	D.C.	ARMY	RDTE/SERVICES - RESEARCH	40
	COGENT SYSTEMS INC	Mass	ARMY	RDTE/SERVICES - RESEARCH	51
	COLUMBIA RESEARCH CORPORATION	Virginia	NAVY	RDTE/SERVICES - RESEARCH	64
	COLUMBIA UNIVERSITY	New York	ARMY	RDTE/SERVICES - RESEARCH	43
	COMPUTER SYSTEMS MANAGEMENT	Virginia	ARMY	RDTE/SERVICES - RESEARCH	111
	CRYSTALLUME	California	USAF	RDTE/SERVICES - RESEARCH	50
	CUMMINS ENGINE COMPANY INC	Indiana	ARMY	RDTE/SERVICES - RESEARCH	59
	DEERE & COMPANY	Illinois	ARMY	RDTE/SERVICES - RESEARCH	83
	DRAPER CHARLES STARK LAB INC	Mass	NAVY	RDTE/SERVICES - RESEARCH	271
	ENGINEERING COMPUTER OPTECNOMICS	Maryland	NAVY	RDTE/SERVICES - RESEARCH	392
	GENERAL DYNAMICS CORPORATION	California	ARMY	RDTE/SERVICES - RESEARCH	2,280
	GENERAL RESEARCH CORPORATION	California	USAF	RDTE/SERVICES - RESEARCH	65
	GENERAL SCIENCES INC	Penn	ARMY	RDTE/SERVICES - RESEARCH	55
	GEO-CENTERS INC	New Jersey	ARMY	RDTE/SERVICES - RESEARCH	1,901
	GTE PRODUCTS CORP DEL CORP	Penn	ARMY	RDTE/SERVICES - RESEARCH	700
	HOKENSON COMPANY THE	California	USAF	RDTE/SERVICES - RESEARCH	44
	I I T RESEARCH INSTITUTE	Illinois	ARMY	RDTE/SERVICES - RESEARCH	1,800
	KAPLAN LAWRENCE S	Ohio	ARMY	RDTE/SERVICES - RESEARCH	62
	KINSLOW H ASSOCIATES INC	Conn	ARMY	RDTE/SERVICES - RESEARCH	102
	LEADING SYSTEMS, INC	California	ARMY	RDTE/SERVICES - RESEARCH	4,591
	LERON ASSOCIATES	New Jersey	ARMY	RDTE/SERVICES - RESEARCH	59
	MATERIALS SCIENCE CORP	Penn	ARMY	RDTE/SERVICES - RESEARCH	200
	MERIT TECHNOLOGY INC	Texas	ARMY	RDTE/SERVICES - RESEARCH	100
	MICROEXPERT SYSTEMS INC	California	ARMY	RDTE/SERVICES - RESEARCH	50
	NATIONAL ACADEMY OF SCIENCES	D C	ARMY	RDTE/SERVICES - RESEARCH	401

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD21 (CONTINUED)					
	ORI INC	Maryland	NAVY	RDTE/SERVICES - RESEARCH	100
	RAYTHEON COMPANY	Mass	ARMY	RDTE/SERVICES - RESEARCH	2,295
	RIVERSIDE RESEARCH INSTITUTE	New York	ARMY	RDTE/SERVICES - RESEARCH	450
	S C P E INC	Mass	ARMY	RDTE/SERVICES - RESEARCH	60
	SCIENCE APPLICATIONS INTL CORP	Alabama	ARMY	RDTE/SERVICES - RESEARCH	324
		California	ARMY	RDTE/SERVICES - RESEARCH	3,985
		Virginia	ARMY	RDTE/SERVICES - RESEARCH	1,212
	CONTRACTOR TOTAL				5,521
	SCIENCE HORIZONS INC	California	ARMY	RDTE/SERVICES - RESEARCH	936
	STANFORD LELAND JUNIOR UNIV	California	ARMY	RDTE/SERVICES - RESEARCH	375
	SYSTEMS RES & APPLICATIONS	Virginia	ARMY	RDTE/SERVICES - RESEARCH	350
	THE EDISON WELDING INSTITUTE	Ohio	ARMY	RDTE/SERVICES - RESEARCH	114
	ULTRASYSYSTEMS INCORPORATED	Arizona	ARMY	RDTE/SERVICES - RESEARCH	786
		California	ARMY	RDTE/SERVICES - RESEARCH	603
	CONTRACTOR TOTAL				1,389
	VECTOR RESEARCH COMPANY INC	Maryland	NAVY	RDTE/SERVICES - RESEARCH	430
	VITRONICS INC	New Jersey	ARMY	RDTE/SERVICES - RESEARCH	191
	R&D TOTAL				40,129
AD22	AEROJET SOLID PROPULSION CO	California	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	382
	ALLEN CORPORATION OF AMERICA	Virginia	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	442
	ALLIED-SIGNAL INC	New Jersey	USAF	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	29
	AMAF INDUSTRIES INC	Maryland	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	130
	ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	166
	ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	88
	ANALYTICS INCORPORATED	New Jersey	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	100

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD22 (CONTINUED)					
	APPLIED COMBUSTION TECHNOLOGY	Florida	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	30
	APPLIED MEASUREMENT SYSTEMS	Conn	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	30
	B-K DYNAMICS INC	Maryland	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	322
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	270
	CAMPBELL KRONNAUER ASSOCIATION	Mass	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	48
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	210-
	COMPUTER SCIENCES CORPORATION	New Jersey	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	1,819
	DECISION-SCIENCE APPLICATIONS	Virginia	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	580
	DIRECTED TECHNOLOGIES INC	Virginia	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	349
	DYNETICS INC	Alabama	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	405
	ENGINEERING & ECONOMICS RES	Alabama	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	621
		Virginia	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	1,800
	CONTRACTOR TOTAL				2,421
	ESSEX CORPORATION	Penn	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	45
	FIBERITE CORPORATION	Minnesota	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	80
	GENERAL ELECTRIC COMPANY	Vermont	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	108
	GENERAL PHYSICS CORPORATION	Florida	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	570
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	200
	GRUMMAN AEROSPACE CORPORATION	New York	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	199
	I-NET INC	Maryland	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	2,320
	INFORMTION SYSTEMS NTRKS CORP	Ohio	USAF	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	56
	INTERNATIONAL BUS MCHS CORP	New York	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	390
	ITT CORPORATION	New Jersey	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	307
	KETRON INC	Penn	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	40
		Virginia	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	29

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CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD22 (CONTINUED)				
CONTRACTOR TOTAL				
LIBERTY TECHNOLOGY CENTER	Penn	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	69
LITTLE ARTHUR D INC	Mass	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	48
LOCKHEED MISSILES & SPACE CO	California	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	58
LTV AEROSPACE & DEFENSE CO	New Mexico	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	57
MARTIN MARIETTA CORPORATION	Maryland	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	2,000
	New Mexico	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	838
CONTRACTOR TOTAL				
MAYO FOUNDATION	Minnesota	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	2,000
MISSION RESEARCH CORPORATION	New Mexico	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	2,838
NATIONAL ACADEMY OF SCIENCES	D.C.	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	178
NORDEN SYSTEMS INC	New Mexico	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	668
OHIO STATE UNIVERSITY	Ohio	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	500
OPTIMETRICS INC	Michigan	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	2,000
ORI INC	Maryland	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	27
ORINCON CORPORATION	California	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	81
ORLANDO TECHNOLOGY INC	Florida	USAF	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	224
PACER SYSTEMS INC	Penn	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	100
PEAT MARWICK MAIN & CO	Conn	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	434
PLANNING RESEARCH CORPORATION	Alabama	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	50
QUEST RESEARCH CORPORATION	Virginia	USAF	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	42
STATE TOTAL				
QUESTECH INC	Virginia	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	38
R J O ENTERPRISES INC	Ohio	USAF	RDTE/SERVICES - EXPLORATORY DEVELOPMENT	135
				180
				315
				298
				29

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$	
AD22 (CONTINUED)						
	RCA CORPORATION	Mass	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		48
	SCIENCE APPLICATIONS INTL CORP	Hawaii	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		1,621
	SOFTWARE OPTIONS INC	Mass	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		49
	SOFTWARE SYSTEMS ENGINEERING	California	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		317
	SRS TECHNOLOGIES	Alabama	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		759
	SUNDSTRAND CORPORATION	Illinois	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		224
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		100
	TEXAS INSTRUMENTS INCORPORATED	Texas	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		198
	TRACOR APPLIED SCIENCES INC	Florida	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		516
		Texas	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		30
	CONTRACTOR TOTAL					546
	TRACOR INC	Texas	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		227
	TRACOR-HYDRONAUTICS, INC	Maryland	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		49
	TRANS-ATLANTIC FAAD	New Mexico	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		2,000
	UNITED TECHNOLOGIES CORP	Conn	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		161
	UNIVERSITY OF MAINE SYSTEM	Maine	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		89
	UNIVERSITY OF MARYLAND	Maryland	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		70
	UNIVERSITY OF MICHIGAN	Michigan	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		109
	UNIVERSITY OF WASHINGTON	Washington	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		54
	VITRONICS INC	New Jersey	ARMY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		4,261
	WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/SERVICES - EXPLORATORY DEVELOPMENT		104
	R&D TOTAL					32,716
AD23	AEROJET GENERAL CORPORATION	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT		2,751
	AEROJET SOLID PROPULSION CO	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT		205
	AMAF INDUSTRIES INC	Maryland	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT		114

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD23 (CONTINUED)					
	ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	88
	ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	3,531
	ANALYTICS INCORPORATED	Penn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	246
	APPLIED MEASUREMENT SYSTEMS	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	118
	APPLIED TECHNOLOGY CORP	Virginia	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	133
	AQUIDNECK MGT ASSOC LTD	Rhode Isl	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	222
	ATACS CORPORATION	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	25
	ATLANTIC RESEARCH CORPORATION	Virginia	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	664
	AVCO CORPORATION	Mass	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	385
	BLANE ENTERPRISES	Ohio	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	140
	BOLT BERANEK & NEWMAN INC	Mass	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	1,165
	CAMBRIDGE COLLABORATIVE INC	Mass	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	348
	CAMPBELL KRONAUER ASSOCIATION	Mass	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	54
	CATALYST RESEARCH CORPORATION	Maryland	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	85
	CHASE INC	Mass	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	26
	COLUMBIA RESEARCH CORPORATION	Rhode Isl	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	111
	COMPUTER SCIENCES CORPORATION	New Jersey	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	675
	COMPUTER SOFTWARE ANALYSTS INC	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	709
	DWA COMPOSITE SPECIALTIES INC	California	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	100
	E G G WASH ANALYTICAL SVCS CTR	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	202
		Maryland	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	164
	CONTRACTOR TOTAL				366
	E SYSTEMS INC	Virginia	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	360
	EAGLE TECHNOLOGY INC	California	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	147
	ELECTROCHIMICA CORPORATION	California	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	50

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD23 (CONTINUED)					
	EPSILON LAMBDA ELECTRONICS	Illinois	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	46
	G T DEVICES, INC	Virginia	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	133
	GENERAL DYNAMICS CORPORATION	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	1,652
	GENERAL RESEARCH CORPORATION	California	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	499
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	100
	GIORDANO ASSOCIATES INC	New Jersey	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	774
	GLOBAL ASSOCIATES LTD	Virginia	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	101
	GNOSTECH INC	Penn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	40
	GOUGH PAUL ASSOCIATES INC	N.H.	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	99
	GOULD INC	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	143
	GTE PRODUCTS CORP DEL CORP	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	125
	HONEYWELL INC	Maryland	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	77
		Minnesota	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	156
	CONTRACTOR TOTAL				233
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	58
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	562
	INFORMATION SPECTRUM INC	Penn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	43
	INFORMATION SYSTEMS NETWORKS CORP	Ohio	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	952
	INTEGRATED SYSTEMS ANALYSTS	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	839
	INTERCON SYSTEMS CORP	Maryland	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	292
	INTERMETRICS INC	Penn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	1,527
	ITT CORPORATION	Virginia	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	84
	JORDAN APOSTAL RITTER ASSOC	Rhode Isl	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	60
	KEYSTONE COMPUTER ASSOCIATES	Penn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	49
	L' GARDE, INC	California	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	58

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD23 (CONTINUED)					
	MANAGEMENT CONSULTING & RES	Virginia	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	337
	MAR INCORPORATED	Maryland	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	465
	MC CALL OMAR & ASSOCIATES INC	Maryland	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	231
	MODERN TECHNOLOGIES CORP	Ohio	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	475
	MYSTECH ASSOCIATES INC	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	326
	N K F ENGINEERING ASSOCIATES	Virginia	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	1,887
	NORDEN SYSTEMS INC	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	123
		New York	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	97
	CONTRACTOR TOTAL				220
	NORTHROP CORPORATION	Maryland	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	100
	ORI INC	Maryland	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	95
		Penn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	314
	CONTRACTOR TOTAL				409
	OWENS-CORNING FIBERGLAS CORP	Ohio	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	98
	P D A ENGINEERING	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	187
	PACER SYSTEMS INC	Penn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	477
		Virginia	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	66
	CONTRACTOR TOTAL				543
	PINNACLE RESEARCH INSTITUTE	California	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	47
	QUEST RESEARCH CORPORATION	Virginia	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	450
	RAYTHEON COMPANY	Rhode Isl	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	109
	ROCKWELL INTERNATIONAL CORP	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	919
	ROME RESEARCH CORP	New York	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	194
	SAFT AMERICA INC	Maryland	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	50
	SCHAFER W J ASSOCIATES INC	Alabama	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	58

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD23 (CONTINUED)					
	SCIENCE APPLICATIONS INTL CORP	California	NAVY USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT RDTE/SERVICES - ADVANCED DEVELOPMENT	\$ 2,152 150
	SOFTWARE SYSTEMS ENGINEERING	California	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	2,302
	SONALYSTS INC	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	183
	SYSCON CORPORATION	Rhode Isl	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	95
	T S C INC	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	25
	TECHNICAL & MANAGEMENT SVS	Maryland	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	185
	TECHNOLOGY APPLICATIONS	Virginia	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	353
	TELEDYNE INC	Alabama	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	130-
	TELEDYNE INDUSTRIES INC	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	647
	TITAN CORPORATION	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	151
	TRACOR INC	Conn	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	90
	TRACOR-HYDRONAUTICS, INC	Maryland	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	109
	TRW INC	California	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	650
	CONTRACTOR TOTAL	Virginia	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	3,281
		California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	3,931
	UNITED STATES DEPT ENERGY	California	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	50
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	354
	VARIGAS RESEARCH INC	Maryland	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	26
	VECTOR RESEARCH COMPANY INC	Maryland	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	2,403
	VEDA INCORPORATED	Virginia	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	260
	VERAC INCORPORATED	California	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	355
	VITRO CORPORATION	Maryland	NAVY	RDTE/SERVICES - ADVANCED DEVELOPMENT	372
	WALLACE & CO	N Carolina	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	734

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD23 (CONTINUED)					
	CONTRACTOR TOTAL				\$
	WORNICK SERVICES	Ohio	USAF	RDTE/SERVICES - ADVANCED DEVELOPMENT	95
	R&D TOTAL	Indiana	ARMY	RDTE/SERVICES - ADVANCED DEVELOPMENT	829
					42
					41,024
AD24	ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,050
		Florida	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	230
	CONTRACTOR TOTAL	Virginia	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,280
	ANALYTIC DECISION INC	Mass	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	30
	ANALYTIC SCIENCES CORP THE	New Jersey	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,187
	ANALYTICS INCORPORATED	California	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	346
	ARINC RESEARCH CORPORATION	Maryland	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	62
	CONTRACTOR TOTAL				57
					119
	ARROWSMITH INDUSTRIES INC	California	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	572
	BENDIX FIELD ENGINEERING CORP	Maryland	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	86
	BETHESDA TECHNICAL SUPPORT CO	Maryland	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	363
	BOEING COMPANY THE	Alabama	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	3,669
		Kansas	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	501
		Washington	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	100
			NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	74
	STATE TOTAL				174
	CONTRACTOR TOTAL				4,344
	BURTEK INC	Oklahoma	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,210
	CAMBRIDGE ACOUSTICAL ASSOC	Mass	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	574
	COMPUTER ENGINEERING ASSOC	Mass	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	370

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD24 (CONTINUED)					
	COMPUTER SCIENCES CORPORATION	New Jersey	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	641
		Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	560
	CONTRACTOR TOTAL				1,201
	COMPUTER SOFTWARE ANALYSTS INC	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	770
	DAEDALEAN INC	Maryland	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	327
	DIVERSIFIED DATA CORPORATION	Virginia	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	659
	DONALDSON COMPANY INC	Minnesota	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,750
	ELECTROSPACE SYSTEMS INC	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	99
	ESSCUBE ENGINEERING INC	New Jersey	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	85
	ESSEX CORPORATION	Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	234
	GENERAL DYNAMICS CORPORATION	California	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	100
		Texas	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	5,471
	CONTRACTOR TOTAL				5,571
	HORIZONS TECHNOLOGY INC	California	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	225
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	621
	INFORMATION NETWORK SYSTEMS	Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	27
	INFORMATION SYSTEMS NTRKS CORP	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	989
	INFOTEC DEVELOPMENT INC	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,386
	INTEGRATED SYSTEMS ANALYSTS	Virginia	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	421
	INTERMETRICS INC	Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	990
	INTERNATIONAL BUS MCHS CORP	Virginia	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	191
	KETRON INC	Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	882
	KEYSTONE COMPUTER ASSOCIATES	Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	821
	LITTLE POPLES PRODUCTIVITY CTR	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,544
	LITTON SYSTEMS INC	California	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	280

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD24 (CONTINUED)					
	LOCUS INC	Texas	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	43-
	LOGISTICS MANAGEMENT ENGRG	Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	237
		California	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	692
		Maryland	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	257
	CONTRACTOR TOTAL				1,247
					1,504
	LORAL CORPORATION	Arizona	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	49
	LTV AEROSPACE & DEFENSE CO	Texas	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	100
	MANAGEMENT CONSULTING & RES	Virginia	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	592
	MANTECH FIELD ENGINEERING	Virginia	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,375
	MAR INCORPORATED	Maryland	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,696
	MARCON INDUSTRIES INC	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	243
	MARTIN MARIETTA CORPORATION	Tennessee	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	8,000
	MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	239-
	MODERN TECHNOLOGIES CORP	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	125
	NATION INC	New Jersey	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	360
	NICHOLS RESEARCH CORPORATION	New Mexico	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	381
	ORI INC	Maryland	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	384
	P C C TECHNICAL INDUSTRIES INC	Virginia	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	900
	PACER SYSTEMS INC	Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	2,468
	PHOENIX INTL UNLTD INC A CLSD	California	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	930
	PLANNING RESEARCH CORPORATION	Virginia	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	2,630
	PROPRIETARY SOFTWARE SYSTEMS.	California	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	840
	QUEST RESEARCH CORPORATION	Virginia	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	54
	QUESTECH INC	Virginia	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	197

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD24 (CONTINUED)					
	R B C INCORPORATED	N Carolina	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	\$ 911
		Virginia	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	181
	CONTRACTOR TOTAL				1 092
	R J O ENTERPRISES INC	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	65
	RCA CORPORATION	New Jersey	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	43 155
		USAF	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	240
	STATE TOTAL				43 395
		Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	36
	CONTRACTOR TOTAL				43 431
	ROCKWELL INTERNATIONAL CORP	California	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	35
	S C P E INC	Mass	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	78
	SC & A INC	California	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	176
	SCIENCE APPLICATIONS INTL CORP	Florida	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	334
	SCIENTIFIC RESEARCH ASSOC	Conn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	108
	SEMCOR INC	New Jersey	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	878
		Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1 526
	CONTRACTOR TOTAL				2 404
	SIGNAL SCIENCE INC	California	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	50
	SOFTech INC	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	496
	SONALYSTS INC	Conn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	480
		Rhode Islnd	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	149
	CONTRACTOR TOTAL				629
	SPACE QUALIFIED SYSTEMS CORP	Florida	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	126
	STV ENGINEERS INC	Penn	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	40
	SUPPORT SYSTEMS ASSOCIATES	New York	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	543

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
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AD24 (CONTINUED)

	CONTRACTOR TOTAL				28
	SYSCON CORPORATION	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	571
	SYSTEMS & APPLIED SCIENCES	Rhode Isl	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	186
	SYSTEMS RESOURCE MANAGEMENT	Virginia	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	422
	TECHNOLOGY APPLICATIONS	Rhode Isl	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	49
	TECHNOLOGY DEVELOPMENT CORP	Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	493
		Ohio	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	165
		Texas	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,725
	CONTRACTOR TOTAL				1,890
	TELEDYNE INC	Alabama	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	415
	TRACOR APPLIED SCIENCES INC	Texas	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,131
	TRACOR INC	Texas	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	150
	TRACOR-HYDRONAUTICS, INC	Maryland	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	358
	UNIFIED INDUSTRIES INC	Virginia	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	599
	UNISYS CORPORATION	California	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,316
	VECTOR RESEARCH COMPANY INC	Maryland	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	109
	VEDA INCORPORATED	Virginia	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	1,923
	VITRO CORPORATION	Maryland	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	257
		Rhode Isl	NAVY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	144
	CONTRACTOR TOTAL				401
	VSE CORPORATION	Florida	USAF	RDTE/SERVICES - ENGINEERING DEVELOPMENT	833
	WHITE H P LABORATORY INC	Maryland	ARMY	RDTE/SERVICES - ENGINEERING DEVELOPMENT	65
	R&D TOTAL				112,767
	AD25 A E C DESIGN	Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	80
	ADVANCED TECHNOLOGY INC	Virginia	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	539

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD25 (CONTINUED)					
	ALPHATECH INC	Mass	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	37
	ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	483
	ANALYTICS INCORPORATED	New Jersey	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	1,116
		Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	294
	CONTRACTOR TOTAL				1,410
	APPLICATIONS RESEARCH CORP	Ohio	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	1,399
	ARINC RESEARCH CORPORATION	California	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	151
		Maryland	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	8,806
	CONTRACTOR TOTAL				8,957
	ARMAMENT SYSTEMS INC	California	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	216
		Florida	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	245
	CONTRACTOR TOTAL				461
	ASSURANCE TECHNOLOGY CORP	Mass	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	750
	AUTOMATED SCIENCES GROUP INC	Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	126
	BDM CORPORATION	New Mexico	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	905
	BOEING COMPANY THE	Kansas	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	503
		Washington	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	4,388
	CONTRACTOR TOTAL				4,891
	BROWN DAYTON T INC	New York	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	85
	CHICAGO BRIDGE & IRON COMPANY	Illinois	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	114
	COMPUTER SCIENCES CORPORATION	New Jersey	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	912
		Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	4,794
		Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	6,148
	CONTRACTOR TOTAL				11,854
	CONTROL DATA CORPORATION	Penn	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	134-

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AD25 (CONTINUED)

CONTRACTOR TOTAL	TERRITORY	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	\$
CRYSTAL SYSTEMS INC	Mass	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	41-
CYTEC INC	New York	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	175-
DANIEL MANN JOHNSON MENDENHALL	D.C.	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	42
DATATEC INC FORT WALTON BEACH	Florida	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	62
DCS CORPORATION	Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	102
E C CORPORATION	Tennessee	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	264
	TERRITORY	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	49
		ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	89
		ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	5,189
		ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	5,278
CONTRACTOR TOTAL				50
E G G WASH ANALYTICAL SVCS CTR	Conn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	48
	Maryland	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	98
				185
EAGLE SYSTEMS INC	Maryland	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	885
ELECTROSPACE SYSTEMS INC	Ohio	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	69
ESSCUBE ENGINEERING INC	New Jersey	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	55
G R D INC	Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	378-
GLOBAL ASSOCIATES JV	California	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	5,254
	MARSHALL I	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	50,459
	Foreign	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	55,335
CONTRACTOR TOTAL				1,556
GTE GOVERNMENT SYSTEMS INC	Mass	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	12,057
	TERRITORY	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	13,613
CONTRACTOR TOTAL				49
HANNIGAN CONSTRUCTION CO	Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD25 (CONTINUED)				
HONEYWELL INC	Colorado	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	125
I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	100
I M R SYSTEMS CORPORATION	New Jersey	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	167
INDUSTRIAL QUALITY INC	Maryland	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	60
INTEGRATED MICROCOMPUTER SYSTEMS	Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	312
INTERMETRICS INC	Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	1,065
INTERNATIONAL COMPUTERS TELECOM	Maryland	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	995
ITT CORPORATION	Indiana	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	300
KEYSTONE COMPUTER ASSOCIATES	Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	966
KRUG INTERNATIONAL CORPORATION	Ohio	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	550
LIGHTNING TECHNOLOGIES INC	Mass	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	104
LOCKHEED CORPORATION	California	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	63
	Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	65
CONTRACTOR TOTAL				128
MANAGEMENT CONSULTING & RES	Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	150
MC DONNELL DOUGLAS CORPORATION	California	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	59,444
MODERN TECHNOLOGIES CORP	Ohio	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	763
N T L INC	Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	50
NORRIS INDUSTRIES	Mass	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	57-
ORI INC	Maryland	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	10,988
P C C TECHNICAL INDUSTRIES INC	Maryland	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	52
	Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	1,521
CONTRACTOR TOTAL				1,573
PACER SYSTEMS INC	Florida	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	69
	Mass	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	227

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AD25 (CONTINUED)

CONTRACTOR TOTAL				
PLANNING CONSULTANTS INC	Penn	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT \$ 5,780
PRECISION ACOUSTIC DEVICES INC	Virginia	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 6,076
Q E D SYSTEMS INC	California	ARMY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 580
R J O ENTERPRISES INC	Virginia	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 150
RAIL COMPANY	Ohio	USAF	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 50
RCA CORPORATION	Maryland	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 1,764
	New Jersey	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 428
		NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 500
		USAF	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 50
				550
STATE TOTAL				
	TERRITORY	ARMY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 26,241
				26,791
CONTRACTOR TOTAL				
RMS TECHNOLOGIES INCORPORATED	Penn	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 28
SCE INCORPORATED	Penn	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 54
SCIENCE APPLICATIONS INTL CORP	California	ARMY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 1,159
		USAF	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 673
				1,832
STATE TOTAL				
	Penn	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 180
	New Jersey	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 85
	Virginia	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 388
	Maryland	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 135
	Maryland	ARMY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 89
	Conn	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 46
	California	USAF	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 597
	Tennessee	USAF	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 591
	Virginia	NAVY	RDTE/SERVICES - OP	SYSTEMS DEVELOPMENT 1,612

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD25 (CONTINUED)					
	SYSTEM DEVELOPMENT CORPORATION	New Jersey	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	\$ 190
		Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	122
	CONTRACTOR TOTAL				312
	TECHOVN SYSTEMS CORPORATION	Virginia	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	511
	TECHNICAL & MANAGEMENT SVS	Maryland	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	2,359
		New Jersey	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	285
		Ohio	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	48
	CONTRACTOR TOTAL				2,692
	TECHNOLOGY APPLICATIONS	Ohio	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	3,552
	TELEDYNE INC	Alabama	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	16,532
	TIME & SPACE PROCESSING INC	Virginia	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	84
	TRACOR-HYDRONAUTICS, INC	Maryland	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	300
	TRW INC	California	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	5,385
		Ohio	USAF	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	2,789
	CONTRACTOR TOTAL				8,174
	UNISYS CORPORATION	Minnesota	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	209
		Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	212
	CONTRACTOR TOTAL				421
	UNIVERSITY OF DAYTON	Ohio	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	89
	UNIVERSITY OF ILLINOIS	Illinois	ARMY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	150
	UNIVERSITY OF PENNSYLVANIA	Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	75
	VECTOR RESEARCH COMPANY INC	Maryland	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	556
	VEDA INCORPORATED	Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	595
		Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	727
	CONTRACTOR TOTAL				1,322

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD25 (CONTINUED)					
	VITRO CORPORATION	Maryland	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	\$ 548
		Penn	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	180
		Virginia	NAVY	RDTE/SERVICES - OP SYSTEMS DEVELOPMENT	77
	CONTRACTOR TOTAL				805
R&D TOTAL					262,836
AD26	A T & T TECHNOLOGIES INC	N Carolina	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	504
	ACQUISITION MANAGEMENT INC	Virginia	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	89
	ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	114
		D.C.	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	34
	CONTRACTOR TOTAL				148
	ANALYTIC DECISION INC	Ohio	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,466
	ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	450
	ANALYTICAL SYSTEMS ENGRG CORP	Mass	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	4,887
	ANALYTICS INCORPORATED	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	189
		Virginia	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	4,016
	CONTRACTOR TOTAL				4,205
	ASSURANCE TECHNOLOGY CORP	Mass	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,902
	ATLANTIC ANALYSIS CORPORATION	Virginia	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	123
	AVCO CORPORATION	Mass	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	298
	BDM CORPORATION	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	215
		Virginia	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	40
	CONTRACTOR TOTAL				255
	BENDIX FIELD ENGINEERING CORP	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	151
	BETHESDA TECHNICAL SUPPORT CO	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	98
	BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	150
	COLEMAN RESEARCH CORPORATION	Alabama	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	240

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD26 (CONTINUED)					
	COMPUTER COGNITION INC	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	110
	COMPUTER RESOURCE ENGRG ASSOC	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	644
		Virginia	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	2,682
	CONTRACTOR TOTAL				3,326
	COMPUTER SCIENCES CORPORATION	California	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	963
		Virginia	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	63-
	CONTRACTOR TOTAL				900
	CONTEL PAGE SYSTEMS INC	Virginia	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	509
	CONTROL DATA CORPORATION	TERRITORY	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,797
	CREATIVE ASSOCIATES INC	D.C.	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	125
	DIGITAL SIGNAL CORPORATION	Virginia	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	400
	DIGITAL WIZARDS INC	California	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	360
	DIRECTED TECHNOLOGIES INC	Virginia	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	980
	DUAL & ASSOC INC	Virginia	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	886
	E C CORPORATION	Tennessee	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	38
	ELECTROSPACE SYSTEMS INC	Ohio	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	88
		Texas	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	93
	CONTRACTOR TOTAL				181
	EPOCH ENGINEERING INC	Maryland	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	100
	ESL INCORPORATED	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	3,121
	FAIRCHILD WESTON SYSTEMS INC	Florida	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	286
	FRONTIER TECHNOLOGY INC	California	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	250
	GENERAL RESEARCH CORPORATION	California	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	87
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	50
	GLOBAL ASSOCIATES JV	MARSHALL I	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	45

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
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AC '86 (CONTINUED)

CONTRACTOR TOTAL					
	GRUMMAN AEROSPACE CORPORATION	Foreign	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	956
	GTE GOVERNMENT SYSTEMS INC	New York	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,001
	GTE PRODUCTS CORP DEL CORP	Mass	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	125
	HEREFORD CAMERA CO	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,180
	HICKAM WELL DRILLING	Missouri	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,013
	HONEYWELL INC	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	78
		Illinois	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	323
		Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	106
			ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	478
			ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	584
			ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,072
	HRB-SINGER INC	Penn	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	200
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	50
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	130
	INTERCON SYSTEMS CORP	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	732
	INTERMETRICS INC	Penn	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	53
	KAMAN SCIENCES CORPORATION	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	786
	LITTON SYSTEMS INC	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	5,048
	LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	561
	LTV AEROSPACE & DEFENSE CO	Texas	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	180
	MANAGEMENT CONSULTING & RES	Virginia	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,230
	MAR INCORPORATED	Maryland	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	250
	MC DONNELL DOUGLAS CORPORATION	Missouri	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	46
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	88
	NAVMAR INC	Penn	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	3,544
	NEW MEXICO STATE UNIVERSITY	New Mexico	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD26 (CONTINUED)					
	NICHOLS RESEARCH CORPORATION	Alabama	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	97
	NORTHROP CORPORATION	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	204
	ORI INC	Maryland	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	111
		Penn	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	98
	CONTRACTOR TOTAL				209
	PACER SYSTEMS INC	Penn	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	50
	PGM SYSTEMS INC.	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	36
	QUANTICS INC	Penn	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	214
	QUEST RESEARCH CORPORATION	Virginia	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	4,522
	QUESTECH INC	Virginia	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,738
	RADIAN CORPORATION	Texas	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,065
	RAYTHEON COMPANY	Mass	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	248
	RCA CORPORATION	New Jersey	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	2,714
	CONTRACTOR TOTAL	TERRITORY	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	53-
	RIVERSIDE RESEARCH INSTITUTE	Mass	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	2,661
	ROCKWELL INTERNATIONAL CORP	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,365
	SACHSE ENGINEERING ASSOCIATES	California	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	157
	SCIENCE APPLICATIONS INTL CORP	Alabama	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	180
	SEMCOR INC	New Jersey	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	170
	SIGNAL SCIENCE INC	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	297
	SINGER COMPANY THE	New Jersey	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	405
	SONALYSTS INC	California	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	176
	SYRACUSE RESEARCH CORP	New York	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	63
	SYSTEMS CONTROL INC	California	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	684
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PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD26 (CONTINUED)					
	SYSTRAN CORP	Ohio	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	56
	TECHNICAL & MANAGEMENT SVS	New Jersey	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	140
	TECUMSEH PRODUCTS COMPANY*	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	148
	TEKTRON MICRO ELECTRONICS INC	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	514
	TRACOR INC	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	126
		Texas	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	865
	CONTRACTOR TOTAL				991
	TRW INC	Virginia	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	220
	VAN DYKE J G & ASSOCIATES	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	336
	VARILOG RESEARCH INC	D C	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	185
	VATELL CORPORATION	Virginia	USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	62
	VEDA INCORPORATED	Virginia	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	70
	VERAC INCORPORATED	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	391
			USAF	RDTE/SERVICES - MANAGEMENT & SUPPORT	45
	STATE TOTAL				436
	WATKINS JOHNSON COMPANY	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	2,054
	WESTINGHOUSE ELECTRIC CORP	Maryland	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	1,854
	XEROX CORPORATION	California	ARMY	RDTE/SERVICES - MANAGEMENT & SUPPORT	322
	ZIGER-ABRAMS INC	Penn	NAVY	RDTE/SERVICES - MANAGEMENT & SUPPORT	27
	R&D TOTAL				68,864
AC02	POTOMAC RESEARCH, INCORPORATED	Virginia	ARMY	RDTE/SUBSISTENCE - EXPLORATORY DEVELOPMENT	886
AC03	HONEYWELL INC	Penn	USAF	RDTE/SUBSISTENCE - ADVANCED DEVELOPMENT	75
	TINGLEY RUBBER CORPORATION	New Jersey	ARMY	RDTE/SUBSISTENCE - ADVANCED DEVELOPMENT	360
	R&D TOTAL				435
AC04	ANALYTICS INCORPORATED	New Jersey	ARMY	RDTE/SUBSISTENCE - ENGINEERING DEVELOPMENT	121

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD36	FAAC PERCEPTRONICS INC	Michigan	USAF	RDTE/SUBSISTENCE - MANAGEMENT & SUPPORT	\$ 370
AD41	AMERICAN HY PERFORM CO	Penn	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-RESEARCH	100
	POLYTRONIX INC	Texas	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-RESEARCH	50
	SKIAMETRICS	Mass	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-RESEARCH	56
	R&D TOTAL				206
AD42	ADVANCED COMPOSITE LABS	Mass	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	34
	ALBANY INTERNATIONAL CORP	Mass	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	78
	ASPEN SYSTEMS INC	Mass	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	50
	BIRDAIR STRUCTURES INC	New York	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	3,360
	ENERGY CONVERSION DEVICES INC	Michigan	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	50
	ENGINE RESEARCH ASSOCIATES	Indiana	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	75
	FROST ENGINEERING DEVELOPMENT	Colorado	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	52
	GEOMET INC	Maryland	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	80
	I L C DATA DEVICE CORP DEL	Delaware	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	99
	I L C INDUSTRIES (DELAWARE)	Texas	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	92
	KANSAS STATE UNIVERSITY	Kansas	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	50
	OM TECH INC	Penn	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	49
	PHYSICAL OPTICS CORP	California	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	138
	RADIATION MONITORING DEVICES	Mass	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	114
	REINHART & ASSOCIATES INC	Texas	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	50
	RO SEARCH INC	N Carolina	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	54
	SOUTHERN MILLS INC	Georgia	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	67-
	SOUTHERN RESEARCH INSTITUTE	Alabama	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	56
	SPRINGBORN GROUP INC	Conn	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	77
	TENSAR STRUCTURES INC	New York	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	39
	UNIVERSITY OF TENNESSEE	Tennessee	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	187

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD42 (CONTINUED)					
	WESTERN INSTRUMENT CORPORATION	California	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	50
	WINFIELD MANUFACTURING CO INC	New York	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-EXP DEV	84
	R&D TOTAL				4,851
AD43	ALBANY INTERNATIONAL CORP	Mass	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	50
	ALLIED-SIGNAL INC	New Jersey	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	95
	AMERICAN CYANAMID COMPANY INC	Conn	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	28
	BIRDAIR STRUCTURES INC	New York	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	192
	BRUNSWICK CORPORATION	Virginia	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	349
	POLAROID CORPORATION	Mass	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	112
	RO SEARCH INC	N Carolina	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	56
	SCIENCE APPLICATIONS INTL CORP	Virginia	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	44
	TELEDYNE ENERGY SYSTEMS	Maryland	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	46
	THERMACORE INC	Penn	USAF	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ADV DEV	50
	R&D TOTAL				1,022
AD44	BEZALEL RESEARCH	ISRAEL	USAF	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	283
	BRUNSWICK CORPORATION	Ohio	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	58
	DEEPCO INC	Texas	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	144
	DIVING UNLIMITED INTL	California	NAVY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	29
	GUNTEX CORPORATION	Penn	USAF	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	120
	GEOMET INC	Maryland	USAF	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	1,815
	I L C INDUSTRIES (DELAWARE)	Delaware	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	233
			USAF	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	335
	STATE TOTAL				568
	NEW MEXICO STATE UNIVERSITY	New Mexico	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	4,857
	ROANWELL CORP	New York	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	50-

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD44 (CONTINUED)					
	WICKES COMPANIES, INC	California	USAF	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	\$ 184
	WINFIELD MANUFACTURING CO INC	Alabama	USAF	RDTE/TEXTILES, CLOTHING, EQUIPAGE-ENGR DEV	58
	R&D TOTAL				8,066
AD45	EMERSON ELECTRIC CO	Missouri	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-OP SYS DEV	212
AD46	A E R O	California	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-MGMT&SUP	49
	FOSTER-MILLER INC	Mass	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-MGMT&SUP	246
	FROST ENGINEERING DEVELOPMENT	Colorado	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-MGMT&SUP	49
	INDUSTRIAL BIOMEDICAL SENSORS	Mass	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-MGMT&SUP	90
	MILLIMETER WAVE TECHNOLOGY	Georgia	ARMY	RDTE/TEXTILES, CLOTHING, EQUIPAGE-MGMT&SUP	50
	TRIANGLE RESEARCH & DEV	N Carolina	USAF	RDTE/TEXTILES, CLOTHING, EQUIPAGE-MGMT&SUP	50
	R&D TOTAL				534
AD51	DELTRAN ASSOCIATES INC	New York	USAF	RDTE/FUELS AND LUBRICANTS - RESEARCH	489
	GENERAL ELECTRIC COMPANY	Mass	NAVY	RDTE/FUELS AND LUBRICANTS - RESEARCH	576
		Ohio	NAVY	RDTE/FUELS AND LUBRICANTS - RESEARCH	261
	CONTRACTOR TOTAL				837
	LOUISIANA STATE UNIVERSITY	Louisiana	USAF	RDTE/FUELS AND LUBRICANTS - RESEARCH	91
	PHYSICAL SCIENCES INC	Mass	USAF	RDTE/FUELS AND LUBRICANTS - RESEARCH	140
	SRI INTERNATIONAL	California	NAVY	RDTE/FUELS AND LUBRICANTS - RESEARCH	75
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/FUELS AND LUBRICANTS - RESEARCH	548
	TALLEY DEFENSE SYSTEMS INC	Arizona	NAVY	RDTE/FUELS AND LUBRICANTS - RESEARCH	100
	UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/FUELS AND LUBRICANTS - RESEARCH	100
	UNIVERSITY OF UTAH	Utah	USAF	RDTE/FUELS AND LUBRICANTS - RESEARCH	100
	VIRGINIA PLYTHNIC INST/ST UNI	Virginia	ARMY	RDTE/FUELS AND LUBRICANTS - RESEARCH	101
	R&D TOTAL				2,581
AD52	ADVANCED FUEL RESEARCH INC	Conn	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	95

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD52 (CONTINUED)	ATLANTIC RESEARCH CORPORATION	Virginia	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	644
	AYDIN CORPORATION	Penn	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	59
	BATTELLE MEMORIAL INSTITUTE	Ohio	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	96
	BOEING COMPANY THE	Washington	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	307
	BONNER & MOORE ASSOCIATES INC	Texas	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	38-
	COORDINATING RESEARCH COUNCIL	Georgia	ARMY	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	86
	FLORIDA INST OF TECHNOLOGY	Florida	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	50
	FLUIDYNE ENGINEERING CORP	Minnesota	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	170
	GENERAL MOTORS CORPORATION	Indiana	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	239
	GEO-CENTERS INC	D C	NAVY	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	438
	HERCULES INCORPORATED	Utah	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	103
	HONEYWELL INC	Minnesota	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	41
	PHOENIX CHEMICAL LABORATORY	Illinois	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	36
	SIGNAL RESEARCH CENTER INC	Illinois	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	165
	SRI INDUSTRIES INC	Penn	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	299
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	1,160
	SUN REFINING & MKTG COMPANY	Penn	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	365
	UNITED TECHNOLOGIES CORP	California	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	449
		Conn	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	42-
		Florida	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	462
	CONTRACTOR TOTAL				869
	UNIVERSITY OF AKRON THE	Ohio	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	56
	UNIVERSITY OF CALIFORNIA	California	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	330
	UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	630
	WEP INC	Illinois	USAF	RDTE/FUELS AND LUBRICANTS - EXPLOR DEVELOP	33

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
R&D TOTAL					6,233
AD53	COMPUTER SOFTWARE ANALYSTS INC	Ohio	USAF	RDTE/FUELS AND LUBRICANTS - ADVANCED DEVEL	108
	ELECTRO-TECHNOLOGY CORPORATION	California	USAF	RDTE/FUELS AND LUBRICANTS - ADVANCED DEVEL	50
	GENERAL ELECTRIC COMPANY	Mass	NAVY	RDTE/FUELS AND LUBRICANTS - ADVANCED DEVEL	504
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/FUELS AND LUBRICANTS - ADVANCED DEVEL	2,311
			USAF	RDTE/FUELS AND LUBRICANTS - ADVANCED DEVEL	36
	STATE TOTAL				2,347
	SUN REFINING & MKTG COMPANY	Penn	USAF	RDTE/FUELS AND LUBRICANTS - ADVANCED DEVEL	250
	UNITED TECHNOLOGIES CORP	Florida	USAF	RDTE/FUELS AND LUBRICANTS - ADVANCED DEVEL	317
R&D TOTAL					3,576
AD54	GRUMMAN AEROSPACE CORPORATION	New York	ARMY	RDTE/FUELS AND LUBRICANTS - ENGR DEVELOP	283
	SARGENT FLETCHER COMPANY	California	NAVY	RDTE/FUELS AND LUBRICANTS - ENGR DEVELOP	557
R&D TOTAL					840
AD56	ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/FUELS AND LUBRICANTS - MGMT & SUPPORT	150
	CREARE RESEARCH & DEVELOPMENT	N.H.	USAF	RDTE/FUELS AND LUBRICANTS - MGMT & SUPPORT	125
	ENERGY & ENVIRONMENTAL RES	California	USAF	RDTE/FUELS AND LUBRICANTS - MGMT & SUPPORT	50
	EXPLUOR RESEARCH CORPORATION	Texas	USAF	RDTE/FUELS AND LUBRICANTS - MGMT & SUPPORT	50
	FIPE RESEARCH CORPORATION	New York	USAF	RDTE/FUELS AND LUBRICANTS - MGMT & SUPPORT	48
	GUPTA PRADEEP K INC	New York	USAF	RDTE/FUELS AND LUBRICANTS - MGMT & SUPPORT	171
	TECHNOLOGY ASSESMENT & TRANSF	Maryland	USAF	RDTE/FUELS AND LUBRICANTS - MGMT & SUPPORT	63
	TECHNOLOGY DELEVEMENT ASSOC	Colorado	USAF	RDTE/FUELS AND LUBRICANTS - MGMT & SUPPORT	50
R&D TOTAL					708
AD61	APPLIED RESEARCH ASSOCIATES	New Mexico	USAF	RDTE/CONSTRUCTION - RESEARCH	55
	APPLIED RESEARCH CORP	Maryland	NAVY	RDTE/CONSTRUCTION - RESEARCH	75
	APPLIED RESEARCH CORPORATION	Maryland	NAVY	RDTE/CONSTRUCTION - RESEARCH	462
	AUTOMETRIC INC	Virginia	ARMY	RDTE/CONSTRUCTION - RESEARCH	75

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		
AD61 (CONTINUED)					
BOLT BERANEK & NEWMAN INC	Mass	ARMY	RDTE/CONSTRUCTION - RESEARCH	\$	720
BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/CONSTRUCTION - RESEARCH		3,710
CARNEGIE-MELLON UNIVERSITY	Penn	ARMY	RDTE/CONSTRUCTION - RESEARCH		208
E G G WASH ANALYTICAL SVCS CTR	Maryland	NAVY	RDTE/CONSTRUCTION - RESEARCH		539
EARTH TECHNOLOGY CORP WSTN	California	USAF	RDTE/CONSTRUCTION - RESEARCH		48
ESL INCORPORATED	California	ARMY	RDTE/CONSTRUCTION - RESEARCH		103
GENERAL TECHNOLOGY INC	Maryland	USAF	RDTE/CONSTRUCTION - RESEARCH		48
HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/CONSTRUCTION - RESEARCH		490
IDOS CORPORATION	Texas	NAVY	RDTE/CONSTRUCTION - RESEARCH		76
JOEL A LIPKIN INC	Maryland	ARMY	RDTE/CONSTRUCTION - RESEARCH		40
KLEIN ASSOCIATES INC	Ohio	ARMY	RDTE/CONSTRUCTION - RESEARCH		121
LEKTRON INC	Virginia	ARMY	RDTE/CONSTRUCTION - RESEARCH		51
LOUISIANA STATE UNIVERSITY	Louisiana	USAF	RDTE/CONSTRUCTION - RESEARCH		100
MARTIN MARIETTA CORPORATION	Colorado	ARMY	RDTE/CONSTRUCTION - RESEARCH		42
MC DONNELL DOUGLAS INCO INC	Virginia	ARMY	RDTE/CONSTRUCTION - RESEARCH		885
RICE WILLIAM MARSH UNIVERSITY	Texas	ARMY	RDTE/CONSTRUCTION - RESEARCH		84
SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/CONSTRUCTION - RESEARCH		167
SCI TEC INC	New Jersey	ARMY	RDTE/CONSTRUCTION - RESEARCH		150
SCIENCE APPLICATIONS INTL CORP	Virginia	ARMY	RDTE/CONSTRUCTION - RESEARCH		312
SOUTHERN RESEARCH INSTITUTE	Alabama	ARMY	RDTE/CONSTRUCTION - RESEARCH		32
THREE C SYSTEMS INC	Penn	USAF	RDTE/CONSTRUCTION - RESEARCH		53
WEIDINGER ASSOCIATES INC	New York	ARMY	RDTE/CONSTRUCTION - RESEARCH		72
YALE UNIVERSITY	Conn	ARMY	RDTE/CONSTRUCTION - RESEARCH		37-
R&D TOTAL					8,692
AD62 ALBANY INTERNATIONAL CORP	Mass	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP		40

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD62 (CONTINUED)					
	AMERICAN ELECTRONIC LABS	Penn	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	82
	APPLIED LOGIC SYSTEMS INC	New York	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	244
	ENGINEERING INCORPORATED	Virginia	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	81
	ESL INCORPORATED	Maryland	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	162
	G R ASSOCIATES INC	Conn	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	457
	GEO-CENTERS INC	Mass	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	267
	HONEYWELL INC	Minnesota	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	2,035
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	60
	I A P RESEARCH INC	Ohio	USAF	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	355
	KAMAN AEROSPACE CORPORATION	Conn	USAF	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	200
	LEE J S ASSOCIATES INC	Virginia	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	53
	LITTON SYSTEMS INC	Maryland	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	159
	LOCUS INC	Penn	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	216
	MASSACHUSETTS INST OF TECHNOLOGY	Mass	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	135
	PERKIN-ELMER CORPORATION	California	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	58
	QUEST RESEARCH CORPORATION	Virginia	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	858
	RAYTHEON COMPANY	Mass	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	323
	RESOURCE INTERNATIONAL INC	Ohio	USAF	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	100
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	360
	SCIENCE APPLICATIONS INTL CORP	California	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	126
		Virginia	NAVY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	827
	CONTRACTOR TOTAL				953
	SPERRY CORPORATION	Utah	ARMY	RDTE/CONSTRUCTION - EXPLORATORY DEVELOP	33
R&D TOTAL					7,231
AD63	ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	40

DEPARTMENT OF DEFENSE
PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT
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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD63 (CONTINUED)					
	BENDIX FIELD ENGINEERING CORP	Maryland	NAVY	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	8,263
	BIRDPAIR STRUCTURES INC	New York	ARMY	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	102
	BOEING COMPANY THE	Washington	USAF	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	450
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	450
		Texas	USAF	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	400-
	CONTRACTOR TOTAL				50
	GTE PRODUCTS CORP DEL CORP	California	ARMY	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	76
	HUGHES ASSOCIATES INC	Maryland	NAVY	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	573
	RCA CORPORATION	New Jersey	ARMY	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	2,885
	RESEARCH & DEV LABORATORIES	California	USAF	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	450
	RESEARCH TRIANGLE INSTITUTE	N Carolina	NAVY	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	1,908
	SCIENCE APPLICATIONS INTL CORP	Virginia	NAVY	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	243
	SRI INTERNATIONAL	California	ARMY	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	76
	UNITED STATES DEPT ENERGY	California	USAF	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	50
		New York	USAF	RDTE/CONSTRUCTION - ADVANCED DEVELOPMENT	50
	CONTRACTOR TOTAL				100
R&D TOTAL					15,216
AD64	ESL INCORPORATED	California	ARMY	RDTE/CONSTRUCTION - ENGINEERING DEVELOP	75
	LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/CONSTRUCTION - ENGINEERING DEVELOP	161
	MAC AULAY-BROWN INC	Ohio	USAF	RDTE/CONSTRUCTION - ENGINEERING DEVELOP	72
	NORTHERN RESEARCH & ENGRG CORP	Mass	NAVY	RDTE/CONSTRUCTION - ENGINEERING DEVELOP	75
	S T RESEARCH CORPORATION	Virginia	NAVY	RDTE/CONSTRUCTION - ENGINEERING DEVELOP	181
	SPERRY CORPORATION	Minnesota	NAVY	RDTE/CONSTRUCTION - ENGINEERING DEVELOP	300
R&D TOTAL					864
AD65	HORIZONS TECHNOLOGY INC	Mass	USAF	RDTE/CONSTRUCTION - OPER SYSTEMS DEVELOP	32-

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD65 (CONTINUED)					
	MEIKO INC	California	NAVY	RDTE/CONSTRUCTION - OPER SYSTEMS DEVELOP	57
	PACIFIC SIERRA RESEARCH CORP	New Mexico	ARMY	RDTE/CONSTRUCTION - OPER SYSTEMS DEVELOP	796
	PAR TECHNOLOGY CORPORATION	New York	ARMY	RDTE/CONSTRUCTION - OPER SYSTEMS DEVELOP	550
	SINGER COMPANY THE	New Jersey	ARMY	RDTE/CONSTRUCTION - OPER SYSTEMS DEVELOP	116
	UNIVERSITY OF FLORIDA	Florida	NAVY	RDTE/CONSTRUCTION - OPER SYSTEMS DEVELOP	195
	R&D TOTAL				1,682
AD65	ANADIGICS INC	New Jersey	USAF	RDTE/CONSTRUCTION - MANAGEMENT & SUPPORT	40
AD91	A A I CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH	490
	A C A INDUSTRIES INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	38
	A T & T INFORMATION SYSTEMS	New Jersey	USAF	RDTE/OTHER DEFENSE - RESEARCH	122
	A T & T TECHNOLOGIES INC	N Carolina	ARMY	RDTE/OTHER DEFENSE - RESEARCH	1,770
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	489
	STATE TOTAL				2,259
	ACADEMY FOR INTER SCIENCE METH	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	ACQUISITION MANAGEMENT INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	147
	ADMINISTRATIVE SCIENCES CORP	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	263
	ADVANCED DECISION SYSTEMS	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	162
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	180
	STATE TOTAL				342
	ADVANCED RES & APPLICATIONS	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	75
	ADVANCED SCIENCES INC	New Mexico	NAVY	RDTE/OTHER DEFENSE - RESEARCH	150
	ADVANCED TECHNOLOGY INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	625
			USAF	RDTE/OTHER DEFENSE - RESEARCH	80
	STATE TOTAL				705
	AEIRE ASSOCIATES	Penn	ARMY	RDTE/OTHER DEFENSE - RESEARCH	55
	AEROJET ELECTROSYSTEMS CO	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	158

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AD91 (CONTINUED)

AEROJET GENERAL CORPORATION	California	USAF	RDTE/OTHER DEFENSE - RESEARCH	\$ 40
AEROJET SOLID PROPULSION CO	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	28
AGOURON INSTITUTE	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	325
ALABAMA A & M UNIVERSITY	Alabama	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
ALLEN CORPORATION OF AMERICA	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	229
		NAVY	RDTE/OTHER DEFENSE - RESEARCH	45-
STATE TOTAL				184
ALLIED-SIGNAL INC	Illinois	ARMY	RDTE/OTHER DEFENSE - RESEARCH	70
	New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH	160
CONTRACTOR TOTAL				230
ALPHATECH INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	400
AMERICAN COLLEGE TSTG PROGRAM	Iowa	NAVY	RDTE/OTHER DEFENSE - RESEARCH	151
AMERICAN INST BIOLOGCL SCIENCE	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	21-
AMERICAN SOC FOR ENGRG EDUCN	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,017
AMHERST COLLEGE INC TRUSTEES	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	119
AMRON CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	195
AMTEC ENGINEERING INC	Washington	USAF	RDTE/OTHER DEFENSE - RESEARCH	56
ANALYSIS & TECHNOLOGY INC	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	500
	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	190
CONTRACTOR TOTAL				690
ANALYTIC SCIENCES CORP THE	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	5,943
		USAF	RDTE/OTHER DEFENSE - RESEARCH	58
STATE TOTAL				6,001
	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	81
CONTRACTOR TOTAL				6,082
ANALYTIC SERVICES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	3,737

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PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AD91 (CONTINUED)

ANALYTICAL ASSESSMENTS CORP	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	\$ 52
ANALYTICAL METHODS INC	Washington	NAVY	RDTE/OTHER DEFENSE - RESEARCH	181
ANALYTICAL POWER CORP	Mass	USAF	RDTE/OTHER DEFENSE - RESEARCH	49
ANALYTX ELECTRONIC SYSTEMS,	N.H.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,148
ANAMET LABORATORIES INC	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	75
ANRO ENGINEERING CONSULTANTS	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	81
APPLICATIONS RESEARCH CORP	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	142
APPLIED FUSLIN TECHNOLOGY	Colorado	NAVY	RDTE/OTHER DEFENSE - RESEARCH	370
APPLIED PHYSICS INC	New Mexico	ARMY	RDTE/OTHER DEFENSE - RESEARCH	65
APPLIED RESEARCH ASSOCIATES	New Mexico	USAF	RDTE/OTHER DEFENSE - RESEARCH	54
APPLIED RESEARCH CORPORATION	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	138
APPLIED RESEARCH INC	Alabama	ARMY	RDTE/OTHER DEFENSE - RESEARCH	3,320
		NAVY	RDTE/OTHER DEFENSE - RESEARCH	48
				3,368
	STATE TOTAL			441
APPLIED SCIENCE ASSOCIATES INC	Penn	ARMY	RDTE/OTHER DEFENSE - RESEARCH	1,198
AQUANAUTICS CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	292
ARDAK CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	485
ARETE ASSOCIATES	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	290
	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	775
				684
ARGOTEC INC	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH	946
ARIZONA STATE UNIVERSITY	Arizona	NAVY	RDTE/OTHER DEFENSE - RESEARCH	155
ARKANSAS UNIVERSITY OF	Arkansas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	332
ARL INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
ASSOC UNIV RESEARCH ASTRONOMY	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	
CONTRACTOR TOTAL				

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
	ASSURANCE TECHNOLOGY CORP	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	\$ 2,277
	ASTRON RESEARCH & ENGINEERING	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	57
	ATLANTA UNIVERSITY	Georgia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	299
	ATLANTIC RESEARCH CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	40
	ATLANTIC RICHFIELD COMPANY	S Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH	300-
	ATLANTIS RESEARCH GROUP INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	49
	AUBURN UNIVERSITY	Alabama	NAVY	RDTE/OTHER DEFENSE - RESEARCH	68
	AUSTIN RESEARCH ASSOCIATES	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	132
	AVCO CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	46-
	B-K DYNAMICS INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	446
		Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	821
	CONTRACTOR TOTAL				1,267
	BALL CORPORATION	Colorado	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,434
	BARR ASSOCIATES INCORPORATED	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	BATTELLE MEMORIAL INSTITUTE	Ohio	NAVY	RDTE/OTHER DEFENSE - RESEARCH	428
	BAYLOR UNIVERSITY	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	125
	BDM CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE - RESEARCH	600
		California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	48
		Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	5,239
	CONTRACTOR TOTAL				5,887
	BDM INTERNATIONAL, INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	340
	BECK R W & ASSOCIATES	Washington	ARMY	RDTE/OTHER DEFENSE - RESEARCH	34
	BERGERY WINDPOWER CO	Oklahoma	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	BERKELEY RESEARCH ASSOCIATES	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	84
	BIGELOW LAB FOR OCEAN SCNCES	Maine	NAVY	RDTE/OTHER DEFENSE - RESEARCH	489

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	BIO-IMAGING RESEARCH INC	Illinois	ARMY	RDTE/OTHER DEFENSE - RESEARCH	42
	BLOOD CENTER SOUTHEASTERN WI	Wisconsin	NAVY	RDTE/OTHER DEFENSE - RESEARCH	194
	BOEING COMPANY THE	Alabama	ARMY	RDTE/OTHER DEFENSE - RESEARCH	185
		Washington	ARMY	RDTE/OTHER DEFENSE - RESEARCH	432
	CONTRACTOR TOTAL				617
	BOFORS A B	SWEDEN	ARMY	RDTE/OTHER DEFENSE - RESEARCH	862
	BOLT BERANEK & NEWMAN INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	727
		Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	16,581
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	5,148
	STATE TOTAL				21,729
	CONTRACTOR TOTAL				22,456
	BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH	139
		Virginia	USAF	RDTE/OTHER DEFENSE - RESEARCH	51
	CONTRACTOR TOTAL				190
	BOSTON UNIVERSITY	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	60
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	695
	STATE TOTAL				755
	BOWLING GREEN STATE UNIVERSITY	Ohio	ARMY	RDTE/OTHER DEFENSE - RESEARCH	39
	BRIGHAM YOUNG UNIVERSITY	Utah	NAVY	RDTE/OTHER DEFENSE - RESEARCH	225
	BROWN UNIV PRV ST RI PLAN	Rhode Isld	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,825
	BRUNSWICK CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	50
	BURTON TECHNOLOGY INC	N Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH	138
	C & L ASSOCIATES INC	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH	152
	C & M TECHNOLOGY INC	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	170
	CALIBER ASSOCIATES	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	210
	CALIFORNIA INST OF TECHNOLOGY	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	4,345

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	CALIFORNIA STATE UNIVERSITY	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	88
	CALSPAN CORPORATION	New York	ARMY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	753 100
		STATE TOTAL			853
	CAMBRIDGE ACOUSTICAL ASSOC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	155
	CAMBRIDGE HYDRO-DYNAMICS INC	New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH	100
	CAMPBELL ENGINEERING INC	Alabama	ARMY	RDTE/OTHER DEFENSE - RESEARCH	186
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	306 75
		STATE TOTAL			381
	CARNEGIE-MELLON UNIVERSITY	Penn	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	92 3,689
		STATE TOTAL			3,781
	CASE WESTERN RESERVE UNIV	Ohio	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,719
	CATHOLIC UNIVERSITY OF AMER	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	172
	CERAMATEC INC	Utah	ARMY NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	46 146 100
		STATE TOTAL			292
	CERAMICS PROCESSING SYSTEMS	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	299
	CHEMICAL DYNAMICS CORP	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	CHEMTECH SYSTEMS INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	CHI SYSTEMS INC	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	124
	CICCONE V J & ASSOCIATES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	CITY UNIVERSITY OF NEW YORK	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	364
	CLARK UNIVERSITY	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	162
	CLARKSON UNIVERSITY	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	168

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$	53-
AD91 (CONTINUED)						
	CLEMSON UNIVERSITY	S Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH		53-
	COLORADO SCHOOL OF MINES	Colorado	NAVY	RDTE/OTHER DEFENSE - RESEARCH	443	443
	COLORADO STATE UNIVERSITY	Colorado	ARMY	RDTE/OTHER DEFENSE - RESEARCH	70	70
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	905	905
	STATE TOTAL				975	975
	COLSA INC	Alabama	ARMY	RDTE/OTHER DEFENSE - RESEARCH	8,900	8,900
	COLUMBIA RESEARCH CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	171	171
	COLUMBIA UNIVERSITY	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	4,920	4,920
	COMBUSTION ENGINEERING INC	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	88	88
	COMMAND SYSTEMS GROUP INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	529	529
	COMPUTATIONAL LOGIC, INC	Texas	ARMY	RDTE/OTHER DEFENSE - RESEARCH	838	838
	COMPUTER AIDED PLANNING & SCH	Georgia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	496	496
	COMPUTER DATA SYSTEMS INC	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH	587	587
	COMPUTER SCIENCES CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH	273	273
	COMPUTERBASE	California	USAF	RDTE/OTHER DEFENSE - RESEARCH	40	40
	CONSULTANTS CHOICE INC	Georgia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	796	796
	CONTRAVES ITALIANA SPA	ITALY	ARMY	RDTE/OTHER DEFENSE - RESEARCH	1,500	1,500
	CONTROL DATA CORPORATION	Minnesota	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50	50
	CORNELL UNIVERSITY	New York	ARMY	RDTE/OTHER DEFENSE - RESEARCH	100	100
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	3,190	3,190
	STATE TOTAL				3,290	3,290
	CRYSTAL GROWTH & MATERIAL	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	105	105
	CRYSTALLUME	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50	50
	CYBER OPTICS CORPORATION	Minnesota	NAVY	RDTE/OTHER DEFENSE - RESEARCH	550	550
	DARTMOUTH COLLEGE	N H.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	408	408
	DAVID SARNOFF RESEARCH LABS	New Jersey	USAF	RDTE/OTHER DEFENSE - RESEARCH	49	49

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
AD91 (CONTINUED)					
	DBA SYSTEMS INC	Florida	ARMY	RDTE/OTHER DEFENSE - RESEARCH	3,420
	DEACON RESEARCH	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,060
	DECISION RESOURCES CORPORATION	D.C.	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	DECISION-SCIENCE APPLICATIONS	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	63
	DECISIONS & DESIGNS INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	950
	DEFENSE RESEARCH TECHNOLOGIES	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH	48
	DESMATICS INC	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	75
	DEVELOPMENT SYSTEMS & RES	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	353
	DIGITAL OPTICS INC	Michigan	NAVY	RDTE/OTHER DEFENSE - RESEARCH	79
	DIGITAL SIGNAL CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	177
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	75
		STATE TOTAL			252
	DISTRIBUTED ANALYSIS RES & TE	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	138
	DISTRICT COLUMBIA GOVERNMENT	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	81
	DORNBUSCH DAVID M & CO INC	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	91
	DORNIER SYSTEM GMBH	GERMANY, F	ARMY	RDTE/OTHER DEFENSE - RESEARCH	618
	DOW CHEMICAL COMPANY, THE	Michigan	USAF	RDTE/OTHER DEFENSE - RESEARCH	199
	DRAPER CHARLES STARK LAB INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	88
	DREXEL UNIVERSITY	Penn	ARMY	RDTE/OTHER DEFENSE - RESEARCH	118
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	685
		STATE TOTAL			803
	DU PONT E I DE NMURS COMPANY	Delaware	USAF	RDTE/OTHER DEFENSE - RESEARCH	100
	DUKE UNIVERSITY	N Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH	969
	DYNALYSIS OF PRINCETON	New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH	40
	DYNAMET TECHNOLOGY INC	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	105
	DYNAMIC CONTROLS INC	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	185

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
	DYNAMICS TECHNOLOGY	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	\$ 562
	E I C LABORATORY INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	995
	E SYSTEMS INC	Texas	ARMY	RDTE/OTHER DEFENSE - RESEARCH	72
	E-BEAM DATA SYSTEMS INC	Conn	USAF	RDTE/OTHER DEFENSE - RESEARCH	354
	E-OIR MEASUREMENTS INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	187
	EAGLE AVI SVCS & TECHNOLOGY	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	232-
	EAGLE RESEARCH GROUP INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	302
	EODYNAMICS RESEARCH ASSOC INC	New Mexico	NAVY	RDTE/OTHER DEFENSE - RESEARCH	59
	EIDETICS INTERNATIONAL INC	California	USAF	RDTE/OTHER DEFENSE - RESEARCH	102
	EMENTECK INC	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	EMORY UNIVERSITY	Georgia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	172
	ENERGY SCIENCE LABORATORIES	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	69
	ENGINEERING RESEARCH ASSOC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	49
	ENGINEERING TECHNOLOGIES INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	647
	ENGINEERING TECHNOLOGY INC	Florida	ARMY	RDTE/OTHER DEFENSE - RESEARCH	29
	ENSIGN-BICKFORD COMPANY THE	Conn	ARMY	RDTE/OTHER DEFENSE - RESEARCH	185
	ENVIRONMENTAL RSCH INSTITE MI	Michigan	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,078
	ERDAS INC	Georgia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	50
	ESL INCORPORATED	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	100
	ESSEX CORPORATION	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH	540
	EVEREADY BATTERY CO. INC	Ohio	NAVY	RDTE/OTHER DEFENSE - RESEARCH	146
	FACTORY MUTUAL RESEARCH CORP	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	46
	FAIRCHILD WESTON SYSTEMS INC	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	645
		USAF	RDTE/OTHER DEFENSE - RESEARCH	30	
	STATE TOTAL				675

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
	FIBER MATERIALS INC	Maine	NAVY	RDTE/OTHER DEFENSE - RESEARCH	\$ 47
	FIBERITE CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	FINKELSTEIN ASSOCIATES INC	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	244
	FIRESTONE TIRE & RBR CO THE	Ohio	NAVY	RDTE/OTHER DEFENSE - RESEARCH	3,445
	FLORIDA A&M UNIVERSITY	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH	75
	FLORIDA ATLANTIC UNIVERSITY	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH	96
	FLORIDA STATE UNIVERSITY	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH	427
	FLOUROCHEM INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	571
	FLOW GENERAL INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	50
	FLOW INDUSTRIES INC	Washington	NAVY	RDTE/OTHER DEFENSE - RESEARCH	446
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	1,691
	FOSTER-MILLER INC	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	65
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	92
			STATE TOTAL		157
	FRONTIER ENGINEERING INC	Texas	USAF	RDTE/OTHER DEFENSE - RESEARCH	105
	G T E LABORATORIES INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	125
			USAF	RDTE/OTHER DEFENSE - RESEARCH	200
			STATE TOTAL		325
	GA TECHNOLOGIES INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	100
	GENERAL DYNAMICS CORPORATION	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,007
	GENERAL ELECTRIC COMPANY	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,729
			USAF	RDTE/OTHER DEFENSE - RESEARCH	42
			STATE TOTAL		1,771
		Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	150
		Penn	ARMY	RDTE/OTHER DEFENSE - RESEARCH	329
	CONTRACTOR TOTAL				2,250
	GENERAL HOSPITAL CORPORATION	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	31

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
	GENERAL MOTORS CORPORATION	Indiana	USAF	RDTE/OTHER DEFENSE - RESEARCH	\$ 215
	GENERAL RESEARCH CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	132
		Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	100
	CONTRACTOR TOTAL				232
	GENEX CORP	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	339
	GEO-CENTERS INC	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	704
		Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	300
	CONTRACTOR TOTAL				1,004
	GEORGE MASON UNIVERSITY	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	140
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	234
	STATE TOTAL				374
	GEORGE WASHINGTON UNIVERSITY	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	439
	GEORGETOWN UNIVERSITY	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	388
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	3,710
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,482
			USAF	RDTE/OTHER DEFENSE - RESEARCH	1,079
	STATE TOTAL				7,271
	Utah		USAF	RDTE/OTHER DEFENSE - RESEARCH	45
	CONTRACTOR TOTAL				7,316
	STATE OF	Georgia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	90
	UNIVERSITY	Georgia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	114
	GOVERNMENT COUNCIL	Arizona	NAVY	RDTE/OTHER DEFENSE - RESEARCH	500
		Michigan	NAVY	RDTE/OTHER DEFENSE - RESEARCH	291
		Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	675
		Ohio	NAVY	RDTE/OTHER DEFENSE - RESEARCH	70
					745

NO-ALB 913

DOLLAR SUMMARY OF FEDERAL SUPPLY CLASSIFICATION AND SERVICE CATEGORY BY C.. (U) WASHINGTON HEADQUARTERS SERVICES (DOD) DC DIRECTORATE FOR INF.. 1987

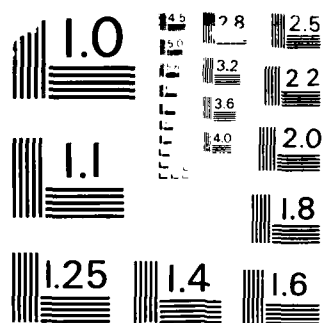
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
	GRACE, W R & CO INC	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	\$ 370
	GREENBRIAR SYSTEMS INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	85
	GTE PRODUCTS CORP DEL CORP	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	72
	H R TEXTRON INC	California	USAF	RDTE/OTHER DEFENSE - RESEARCH	29
	HAHNEMANN UNIVERSITY	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	80
	HAMPTON UNIVERSITY	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	51
	HARBOR BRANCH FOUNDATION INC	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH	150
	HARDING ASSOCIATES	California	USAF	RDTE/OTHER DEFENSE - RESEARCH	50
	HARRIS CORPORATION	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH	945
	HARVARD COLLEGE	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,349
	HAZELTINE CORPORATION	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	40
	HELICON FOUNDATION THE	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	115
	HILL ROBERT D DR	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	43
	HONEYWELL INC	Minnesota	ARMY	RDTE/OTHER DEFENSE - RESEARCH	140
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	794
			USAF	RDTE/OTHER DEFENSE - RESEARCH	40
					974
			STATE TOTAL		
	HORRIGAN ANALYTICS	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH	241
	HOWARD UNIVERSITY	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	482
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,590
			USAF	RDTE/OTHER DEFENSE - RESEARCH	2,003
					4,075
			STATE TOTAL		
	HUMAN RSRCS RES ORGANIZATION	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	479
	HUMRO INTERNATIONAL INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	202
	HURD HARRY L ASSOCIATES INC	N Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH	30
	HYPRES, INC	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	692
	I I T RESEARCH INSTITUTE	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH	100

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
AD91 (CONTINUED)					
	I R T CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	I S I GROUP INC	New Mexico	USAF	RDTE/OTHER DEFENSE - RESEARCH	49
	IMATRON, INC	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	28
	INDIANA UNIVERSITY	Indiana	NAVY	RDTE/OTHER DEFENSE - RESEARCH	489
	INERTIA SWITCH INC	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	209
		New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	237
	CONTRACTOR TOTAL				446
	INFORMATION SPECTRUM INC	New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH	265
		Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	84
	CONTRACTOR TOTAL				349
	INFOSOFT DESIGN ASSOC	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	39
	INSTITUTE FOR ADVNCD STDY	New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH	85
	INSTITUTE OF OCEAN SCIENCE	CANADA	NAVY	RDTE/OTHER DEFENSE - RESEARCH	70
	INTERA TECHNOLOGIES LTD	CANADA	NAVY	RDTE/OTHER DEFENSE - RESEARCH	329
	INTERACTIVE TELEVISION CO	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	1,021
	INTERFEROMETRICS INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	274
	INTERMETRICS INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	96
	INTERNATIONAL BUS MCHS CORP	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	755
		New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	425
	CONTRACTOR TOTAL				1,180
	IOWA STATE UNIV SCNC	Iowa	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	218 30
			STATE TOTAL		248
	ISREALI MINISTRY OF DEFENSE	ISRAEL	ARMY	RDTE/OTHER DEFENSE - RESEARCH	5,000
	ITE INC	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	325

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)	ITT CORPORATION	New Jersey	USAF	RDTE/OTHER DEFENSE - RESEARCH	388
		Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	1,595
	CONTRACTOR TOTAL				1,983
	J & A ASSOCIATES INC	Colorado	USAF	RDTE/OTHER DEFENSE - RESEARCH	94
	JAMIESON SCIENCE & ENGRG	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH	903
	JAYCOR	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	291
	JOHNS HOPKINS UNIVERSITY	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,866
	JORTNER RESEARCH & ENGRG	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	K M S FUSION INC	Michigan	NAVY	RDTE/OTHER DEFENSE - RESEARCH	400
	KAMAN AEROSPACE CORPORATION	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	291
	KANSAS STATE UNIVERSITY	Kansas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	365
	KAPOS ASSOCIATES INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	56
	KDI PRECISION PRODUCTS INC	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH	33
	KESTREL INSTITUTE	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	132
	KLEIN ASSOCIATES INC	Ohio	ARMY	RDTE/OTHER DEFENSE - RESEARCH	149
	KRAUS ERIC B	Colorado	NAVY	RDTE/OTHER DEFENSE - RESEARCH	43
	LA JOLLA INSTITUTE	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	182
	LAUREN MANUFACTURING CO	Ohio	ARMY	RDTE/OTHER DEFENSE - RESEARCH	39
	LAWRENCE LIVERMORE LABORATORY	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	6,610
	LEHIGH UNIVERSITY	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,128
	LIFE SUPPORT SYSTEMS, INC	California	USAF	RDTE/OTHER DEFENSE - RESEARCH	120
	LINCOLN UNIVERSITY	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	95
	LITTON INDUSTRIES INC	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	889
	LITTON SYSTEMS INC	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	313
		New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH	336

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	CONTRACTOR TOTAL				
	LOCKHEED CORPORATION	Georgia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	649
	LOCKHEED ELECTRONICS COMPANY	New Jersey	ARMY	RDTE/OTHER DEFENSE - RESEARCH	100
	LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	356
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,367
			USAF	RDTE/OTHER DEFENSE - RESEARCH	2,269
	STATE TOTAL				119
					4,755
	LOCUS INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	94
	LOGICON INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	114
	LOMA LINDA UNIVERSITY	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	30
	LORAL CORPORATION	Ohio	NAVY	RDTE/OTHER DEFENSE - RESEARCH	194
	LOS ALAMOS TECHNICAL ASSOC	New Mexico	NAVY	RDTE/OTHER DEFENSE - RESEARCH	245
	LOUISIANA STATE UNIVERSITY	Louisiana	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,135
	LOYOLA COLLEGE	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	28
	LTV AEROSPACE & DEFENSE CO	Texas	USAF	RDTE/OTHER DEFENSE - RESEARCH	49
	M E C SYSTEMS CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	44
	M R J INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	156
	MANTECH INTERNATIONAL CORP	New Mexico	NAVY	RDTE/OTHER DEFENSE - RESEARCH	221
	MARINE IMAGING SYSTEMS INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	200
	MARTIN MARIETTA CORPORATION	Colorado	ARMY	RDTE/OTHER DEFENSE - RESEARCH	7,380
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	380
			USAF	RDTE/OTHER DEFENSE - RESEARCH	346
	STATE TOTAL				8,086
					34
	Florida	ARMY	RDTE/OTHER DEFENSE - RESEARCH		
	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH		
		NAVY	RDTE/OTHER DEFENSE - RESEARCH		
	STATE TOTAL				35
					820
					855

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
	CONTRACTOR TOTAL				\$ 8,975
	MATRIX TECH INC	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50-
	MARYLAND MEDICAL LABORATORY	Louisiana	NAVY	RDTE/OTHER DEFENSE - RESEARCH	104
	MASSACHSETTS INST OF TECHNOLOGY	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	249
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	21,739
			USAF	RDTE/OTHER DEFENSE - RESEARCH	35
	STATE TOTAL				22,023
	MATERIAL & ELECTROCHEMICAL	Arizona	ARMY	RDTE/OTHER DEFENSE - RESEARCH	50
	MATTECH INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	26
	MATRA	FRANCE	ARMY	RDTE/OTHER DEFENSE - RESEARCH	508
	MATRIX CORPORATION	Virginia	USAF	RDTE/OTHER DEFENSE - RESEARCH	50
	MAXWELL LABORATORIES INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	549
		Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	150
	CONTRACTOR TOTAL				699
	MC DONNELL DOUGLAS CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	70
		Missouri	NAVY	RDTE/OTHER DEFENSE - RESEARCH	248
			USAF	RDTE/OTHER DEFENSE - RESEARCH	160
	STATE TOTAL				408
	CONTRACTOR TOTAL				478
	MCPHEE RESEARCH CO	Washington	NAVY	RDTE/OTHER DEFENSE - RESEARCH	56
	MEDICAL COLLEGE OF GEORGIA	Georgia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	159
	MEDICAL COLLEGE OF PA	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	130
	MEHARRY MEDICAL COLLEGE	Tennessee	NAVY	RDTE/OTHER DEFENSE - RESEARCH	78
	MERIDIAN CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	179
	MESSERSCHMITT-BOELKOW BLOHM	GERMANY, F	ARMY	RDTE/OTHER DEFENSE - RESEARCH	15,000
	METRATEK INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	330
	METSAT INC	Colorado	NAVY	RDTE/OTHER DEFENSE - RESEARCH	30

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD91 (CONTINUED)

MICHIGAN STATE UNIVERSITY	Michigan	NAVY	RDTE/OTHER DEFENSE - RESEARCH		\$ 384
MICHIGAN TECHNOLOGICAL UNIV	Michigan	ARMY	RDTE/OTHER DEFENSE - RESEARCH		58
		NAVY	RDTE/OTHER DEFENSE - RESEARCH		380
	STATE TOTAL				436
MILITARY OPERATIONS RES SOC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH		36
MINE SAFETY APPLS COMPANY	Penn	USAF	RDTE/OTHER DEFENSE - RESEARCH		125
MINISTRY OF DEFENSE UK	UNITED KIN	ARMY	RDTE/OTHER DEFENSE - RESEARCH		5,000
MINNESOTA MIN & MFG COMPANY	Minnesota	NAVY	RDTE/OTHER DEFENSE - RESEARCH		469
MISSION RESEARCH CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH		47
MISSISSIPPI STATE UNIVERSITY	Miss	NAVY	RDTE/OTHER DEFENSE - RESEARCH		190
		USAF	RDTE/OTHER DEFENSE - RESEARCH		37
	STATE TOTAL				227
MONTANA STATE UNIVERSITY	Montana	NAVY	RDTE/OTHER DEFENSE - RESEARCH		223
MORTON THIOKOL INC	Alabama	NAVY	RDTE/OTHER DEFENSE - RESEARCH		112
	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH		137
	CONTRACTOR TOTAL				249
MOTOROLA INC	Arizona	ARMY	RDTE/OTHER DEFENSE - RESEARCH		100
MRM INC	Maryland	ARMY	RDTE/OTHER DEFENSE - RESEARCH		939
N K H INC	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH		297
NATIONAL ACADEMY OF SCIENCES	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH		3,746
NATIONAL OPINION RESEARCH CTR	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH		120
NATIONAL SCIENCE FOUNDATION	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH		1,987
NATIONAL SECURITY RESEARCH	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH		100
NETWAYS INC	New York	ARMY	RDTE/OTHER DEFENSE - RESEARCH		25
NEW ENGLAND MED CTR HOSPITALS	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH		115
NEW HAMPSHIRE UNIVERSITY SYS	N.H.	NAVY	RDTE/OTHER DEFENSE - RESEARCH		231

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
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AD91 (CONTINUED)

NEW MEXICO STATE UNIVERSITY	New Mexico	NAVY	RDTE/OTHER DEFENSE - RESEARCH		\$ 105
NEW MEXICO INST OF MIN TCHNLGY	New Mexico	ARMY	RDTE/OTHER DEFENSE - RESEARCH		84
		NAVY	RDTE/OTHER DEFENSE - RESEARCH		326
	STATE TOTAL				410
NEW YORK BLOOD CENTER INC	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH		205
NEW YORK UNIVERSITY	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH		1,916
NEW YORK ZOOLOGICAL SOCIETY	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH		93
NICHOLS RESEARCH CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE - RESEARCH		853
NIELSEN ENGINEERING AND RES	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		149
NORTH CAROLINA A&T UNIV	N Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH		7
NORTH CAROLINA STATE UNIV	N Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH		1,611
NORTH TEXAS STATE UNIVERSITY	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH		250
NORTHEASTERN OH UNIV CLG MD	Ohio	NAVY	RDTE/OTHER DEFENSE - RESEARCH		32
NORTHEASTERN UNIVERSITY CORP	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH		261
NORTHROP CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		1,960
NORTHWESTERN UNIVERSITY	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH		1,358
		USAF	RDTE/OTHER DEFENSE - RESEARCH		75
	STATE TOTAL				1,433
NOVA UNIVERSITY INC	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH		159
OAKLAND UNIVERSITY	Michigan	NAVY	RDTE/OTHER DEFENSE - RESEARCH		84
OCEAN ACOUSTICS ASSOCIATES	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		100
OCEAN DATA SYSTEMS INC	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH		6,488
OCEAN REMOTE SENSING & ENGRG	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		364
OCEANOGRAPHIC SERVICES INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		27
OHIO STATE UNIVERSITY	Georgia	ARMY	RDTE/OTHER DEFENSE - RESEARCH		5,235
	Ohio	ARMY	RDTE/OTHER DEFENSE - RESEARCH		231

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AD91 (CONTINUED)

CONTRACTOR TOTAL		NAVY USAF	RDTE/OTHER RDTE/OTHER	DEFENSE - DEFENSE -	RESEARCH RESEARCH	\$
OKLAHOMA STATE UNIV AP SC						974
OLD DOMINION UNIV RES FOUNDTN						302
						1,507
						6,742
						44
						353
						50
						403
						592
						48
						91
						49
						168
						80
						5,366
						95
						247
						276
						65
						214
						244
						40
						284
						50
						5,475
						5,525
						44,059

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-		
AD91 (CONTINUED)						
	CONTRACTOR TOTAL					
	PERKIN-ELMER CORPORATION	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH		629
	PHYSICAL DYNAMICS INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		44,688
	PHYSICAL RESEARCH INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		105
		Florida	USAF	RDTE/OTHER DEFENSE - RESEARCH		44,793
	CONTRACTOR TOTAL					106
	PHYSICAL SCIENCES INC	Virginia	USAF	RDTE/OTHER DEFENSE - RESEARCH		220
	PHYSICS INTERNATIONAL COMPANY	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH		74
	PINNACLE RESEARCH INSTITUTE	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		41
	PLANNING SYSTEMS INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH		115
	POLARIS, INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH		69
	POLYTECHNIC UNIV OF NEW YORK	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH		71
	PORTLAND STATE UNIVERSITY	Oregon	NAVY	RDTE/OTHER DEFENSE - RESEARCH		50
	PRINCETON UNIVERSITY	New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH		4,531
	PROGRAMMATICS INCORPORATED	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH		2,301
	PUBLIC HEALTH RESEARCH	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH		965
	PULSE SCIENCES INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		53
	PURDUE UNIVERSITY	Indiana	NAVY	RDTE/OTHER DEFENSE - RESEARCH		2,933
	QUEST RESEARCH CORPORATION	Virginia	USAF	RDTE/OTHER DEFENSE - RESEARCH		54
	R & D ASSOCIATES	California	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH		147
						477
						4,334
						314
						142
						1,366
						1,508
	STATE TOTAL					90
	R R C INC	Texas	USAF	RDTE/OTHER DEFENSE - RESEARCH		

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	R-K RESEARCH SYSTEM DESIGN	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	220
	RADIAN CORPORATION	Texas	ARMY	RDTE/OTHER DEFENSE - RESEARCH	97
	RAVEN INC	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	662
	RAYTHEON COMPANY	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	188
		Rhode Isl	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,482
	CONTRACTOR TOTAL				1,670
	RCA CORPORATION	New Jersey	ARMY	RDTE/OTHER DEFENSE - RESEARCH	60
	RENSSELAER POLYTECHNIC INST	New York	ARMY	RDTE/OTHER DEFENSE - RESEARCH	50
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,243
	STATE TOTAL				2,293
	RESEARCH TRIANGLE INSTITUTE	N Carolina	ARMY	RDTE/OTHER DEFENSE - RESEARCH	40
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	121
			USAF	RDTE/OTHER DEFENSE - RESEARCH	100
	STATE TOTAL				261
	RESOURCE INTERNATIONAL INC	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	39
	RESOURCE MANAGEMENT ASSOC	California	USAF	RDTE/OTHER DEFENSE - RESEARCH	91
	RETICON CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	235
	REXHAM CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE - RESEARCH	103
	RICE WILLIAM MARSH UNIVERSITY	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,468
	RIVERSIDE RESEARCH INSTITUTE	New York	ARMY	RDTE/OTHER DEFENSE - RESEARCH	6,914
	ROCHESTER INST OF TECHNOLOGY	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	70
	ROCKWELL INTERNATIONAL CORP	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	5,000
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,959
			USAF	RDTE/OTHER DEFENSE - RESEARCH	32
	STATE TOTAL				7,991
	CONTRACTOR TOTAL	Texas	ARMY	RDTE/OTHER DEFENSE - RESEARCH	105
					8,096

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	RONDOUT ASSOCIATES INC	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	30
	ROSWELL PARK MEM INST	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	28
	ROTHE DEVELOPMENTS INC	Texas	USAF	RDTE/OTHER DEFENSE - RESEARCH	232
	ROWE DEINES INSTRUMENTS INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	245
	RUSH-PRESBYTERIAN ST LUKES MED	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	RUTGERS, THE STATE UNIVERSITY	New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,158
	SABBAGH ASSOCIATES INC	Indiana	ARMY	RDTE/OTHER DEFENSE - RESEARCH	50
	SACHS FREEMAN ASSOCIATES INC	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	176
		Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,003
	CONTRACTOR TOTAL				1,179
	SAN DIEGO STATE UNIV FOUNDATN	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	270
	SAN JOSE STATE UNIVERSITY	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	188
	SANDERS ASSOCIATES INC	N.H.	USAF	RDTE/OTHER DEFENSE - RESEARCH	78
	SANDERS FREDERICK DR	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	31
	SANDIA CORPORATION	New Mexico	NAVY	RDTE/OTHER DEFENSE - RESEARCH	830
	SAXPY COMPUTER CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	92
	SCHAFER W J ASSOCIATES INC	Mass	ARMY	RDTE/OTHER DEFENSE - RESEARCH	767
		Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	1,305
	CONTRACTOR TOTAL				2,072
	SCHLUMBERGER PALO ALTO RES LA	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	197
	SCHMITT TECHNOLOGY ASSOC	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	SCIENCE & TECHNOLOGY CORP	New Mexico	ARMY	RDTE/OTHER DEFENSE - RESEARCH	523
	SCIENCE APPLICATIONS INTL CORP	Arizona	USAF	RDTE/OTHER DEFENSE - RESEARCH	86
		California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	5,379
		NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,327	
		USAF	RDTE/OTHER DEFENSE - RESEARCH	48	
	STATE TOTAL				7,754

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
	CONTRACTOR TOTAL				\$
	SCIENCE RESEARCH LABORATORY				
	SCIENTIFIC RES	Colorado	ARMY	RDTE/OTHER DEFENSE - RESEARCH	174
		Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	55
		Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	617
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	597
	STATE TOTAL				1,214
					9,283
	CONTRACTOR TOTAL				860
	SCIENCE RESEARCH LABORATORY	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	
	SCIENTIFIC RES	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	SCIENTIFIC RESEARCH ASSOC	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	580
	SCIENTIFIC SYSTEMS INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	54
	SIGMA TAU STANDARDS CORP	Alabama	NAVY	RDTE/OTHER DEFENSE - RESEARCH	301
	SIMMONDS PRECISION PRODUCTS	Vermont	USAF	RDTE/OTHER DEFENSE - RESEARCH	50
	SINGER COMPANY THE	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	29-
	SIPPICAN INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	60
	SLOAN-KETTERING INSTT	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	30
	SMITHSONIAN INSTITUTION	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	329
	CONTRACTOR TOTAL	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,054
	SOFTWARE OPTIONS INC	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,383
	SONALYSTS INC	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,083
	SONEX ENTERPRISES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH	172
	SONOQUEST ADVANCED	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	60
	SOREG NEUCLEAR RESEARCH CENTER	ISRAEL	ARMY	RDTE/OTHER DEFENSE - RESEARCH	50
	SOUTHEASTERN CTR ELEC ENG ED	Florida	USAF	RDTE/OTHER DEFENSE - RESEARCH	1,234
		New York	USAF	RDTE/OTHER DEFENSE - RESEARCH	410
	CONTRACTOR TOTAL				196
					606

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	SOUTHERN ILLINOIS UNIVERSITY	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH	191
	SOUTHERN METHODIST UNIVERSITY	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	346
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	115 262
		STATE TOTAL			377
	SPACE COMPUTER CORP	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	SPARTA INC	California	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	5,049 50
		STATE TOTAL			5,099
	SPECTRA TECHNOLOGY INC	Washington	NAVY	RDTE/OTHER DEFENSE - RESEARCH	263
	SPECTRAN CORPORATION	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	43
	SPECTRON DEVELOPMENT LABS	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	SRI INTERNATIONAL	California	ARMY NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	374 5,469 276
		STATE TOTAL			6,119
	SRS TECHNOLOGIES	Alabama	ARMY	RDTE/OTHER DEFENSE - RESEARCH	4,026
		California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	6,797
					10,823
	CONTRACTOR TOTAL				142
	ST JOSEPH'S UNIVERSITY	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	100
	STANDARD TECHNOLOGY INC	Maryland	USAF	RDTE/OTHER DEFENSE - RESEARCH	500
	STANFORD LELAND JUNIOR UNIV	California	ARMY NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	13,464 790
		STATE TOTAL			14,754
	STANFORD TELECOMMUNICATIONS	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	STATE UNIVERSITY OF NEW YORK	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,338
	STEVENS INSTITUTE TECHNOLOGY	New Jersey	NAVY	RDTE/OTHER DEFENSE - RESEARCH	578
	STRATEGIC RESEARCH & MGT SVS	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	76

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-		\$
AD91 (CONTINUED)						
	STRUCTURED SOFTWARE DEV	Louisiana	NAVY	RDTE/OTHER DEFENSE - RESEARCH		27
	STUDIO 3 ASSOCIATES INC	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH		40
	SUMMIT RESEARCH CORPORATION	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH		50
	SYNECTICS CORP	Virginia	ARMY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH		100 60
	STATE TOTAL					160
	SYNOPTIC SYSTEMS CORP	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH		6,275
	SYRACUSE RESEARCH CORP	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH		50
	SYRACUSE UNIVERSITY	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH		160
	SYSTEM DEVELOPMENT CORPORATION	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH		200
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - RESEARCH		6,152
	SYSTEMS & ELECTRONICS INC	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH		2,470
	SYSTEMS EXPLORATION INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		59
	SYSTEMS PLANNING & ANALYSIS	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH		298
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH		1,390
	SYSTRAN CORP	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH		1,567
	TELECOMMUNICATION SCIENC ASSC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		80
	TELEDYNE INC	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH		75
	TEMPLE UNIVERSITY	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH		37
	TETRA TECH INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH		60
	TEXAS A & M UNIVERSITY SYSTEM	Texas	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH		2,153 85
	STATE TOTAL					2,238
	TEXAS INSTRUMENTS INCORPORATED	Texas	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH		975 1,694
	STATE TOTAL					2,669

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	TEXAS RESEARCH INSTITUTE INC	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	601
	THERMO ELECTRON CORPORATION	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	249
	TITAN CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	244
	TOCCO INC	Michigan	ARMY	RDTE/OTHER DEFENSE - RESEARCH	26
	TRACOR INC	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH	100
	TRACOR-HYDRONAUTICS, INC	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	163
	TRIMBLE NAVIGATION LIMITED	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	212
	TRW INC	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	5,498
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	6,812
			USAF	RDTE/OTHER DEFENSE - RESEARCH	336
					12,646
	STATE TOTAL				
	Georgia	USAF	RDTE/OTHER DEFENSE - RESEARCH		105
	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH		260
					13,011
	CONTRACTOR TOTAL				
	TUFTS UNIVERSITY	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	230
	TULANE UNIVERSITY	Louisiana	NAVY	RDTE/OTHER DEFENSE - RESEARCH	38
	TUSKEGEE UNIVERSITY	Alabama	NAVY	RDTE/OTHER DEFENSE - RESEARCH	43-
	U S DEPARTMENT OF COMMERCE	Colorado	NAVY	RDTE/OTHER DEFENSE - RESEARCH	825
		D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,846
		Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,361
		Washington	NAVY	RDTE/OTHER DEFENSE - RESEARCH	206
	CONTRACTOR TOTAL				5,238
	ULTRASYSYSTEMS INCORPORATED	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	125
	UNITED KINGDOM MINISTRY OF DEF	UNITED KIN	ARMY	RDTE/OTHER DEFENSE - RESEARCH	4,100
	UNITED ST DEPT INTERIOR	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	30
		Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	CONTRACTOR TOTAL				80

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
	UNITED STATES DEPT ENERGY				\$
		California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	177
		D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	127
		Idaho	NAVY	RDTE/OTHER DEFENSE - RESEARCH	200
		Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH	551
		New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	196
		Oklahoma	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,652
		Tennessee	NAVY	RDTE/OTHER DEFENSE - RESEARCH	116
	CONTRACTOR TOTAL				3,019
	UNITED TECHNOLOGIES CORP	Conn	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	1,445 115
	STATE TOTAL				1,560
		Florida	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	CONTRACTOR TOTAL				1,609
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	1,778
	UNIVERSITY OF ALABAMA	Alabama	NAVY	RDTE/OTHER DEFENSE - RESEARCH	392
	UNIVERSITY OF ALASKA	Alaska	NAVY	RDTE/OTHER DEFENSE - RESEARCH	135
	UNIVERSITY OF ARIZONA	Arizona	NAVY	RDTE/OTHER DEFENSE - RESEARCH	849
	UNIVERSITY OF CAL SAN DIEGO	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	17,270
	UNIVERSITY OF CALIFORNIA	California	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	12,874 175
	STATE TOTAL				13,049
	UNIVERSITY OF CHICAGO, THE	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH	969
	UNIVERSITY OF CINCINNATI	Ohio	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	327 40
	STATE TOTAL				367
	UNIVERSITY OF COLORADO	Colorado	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,018
	UNIVERSITY OF CONNECTICUT	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,457

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AD91 (CONTINUED)

UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	\$	1,878
UNIVERSITY OF DELAWARE INC	Delaware	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH		891 206
	STATE TOTAL				1,097
UNIVERSITY OF DENVER	Colorado	USAF	RDTE/OTHER DEFENSE - RESEARCH		332
UNIVERSITY OF FLORIDA	Florida	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH		65 723
	STATE TOTAL				788
UNIVERSITY OF GEORGIA	Georgia	NAVY	RDTE/OTHER DEFENSE - RESEARCH		436
UNIVERSITY OF HAWAII	Hawaii	NAVY	RDTE/OTHER DEFENSE - RESEARCH		1,146
UNIVERSITY OF HEALTH	Illinois	NAVY	RDTE/OTHER DEFENSE - RESEARCH		132
UNIVERSITY OF HOUSTON SYSTEM	Texas	NAVY	RDTE/OTHER DEFENSE - RESEARCH		437
UNIVERSITY OF ILLINOIS	Illinois	ARMY NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH		356 6,460 55
	STATE TOTAL				6,871
UNIVERSITY OF IOWA THE	Iowa	NAVY	RDTE/OTHER DEFENSE - RESEARCH		1,022
UNIVERSITY OF KANSAS	Kansas	NAVY	RDTE/OTHER DEFENSE - RESEARCH		252
UNIVERSITY OF KENTUCKY	Kentucky	NAVY	RDTE/OTHER DEFENSE - RESEARCH		229
UNIVERSITY OF LOWELL	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH		303
UNIVERSITY OF MAINE SYSTEM	Maine	NAVY	RDTE/OTHER DEFENSE - RESEARCH		187
UNIVERSITY OF MARYLAND	Maryland	NAVY	RDTE/OTHER DEFENSE - RESEARCH		5,349
UNIVERSITY OF MASSACHUSETTS	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH		2,593
UNIVERSITY OF MIAMI INC	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH		185
UNIVERSITY OF MICHIGAN	Michigan	ARMY NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH		50 2,007 806
	STATE TOTAL				2,863

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	UNIVERSITY OF MINNESOTA	Minnesota	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,179
	UNIVERSITY OF MISSISSIPPI	Miss	NAVY	RDTE/OTHER DEFENSE - RESEARCH	346
	UNIVERSITY OF MISSOURI	Missouri	NAVY	RDTE/OTHER DEFENSE - RESEARCH	265
	UNIVERSITY OF NEBRASKA	Nebraska	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	78 209
	STATE TOTAL				287
	UNIVERSITY OF NEVADA SYSTEM	Nevada	NAVY	RDTE/OTHER DEFENSE - RESEARCH	99
	UNIVERSITY OF NEW MEXICO	New Mexico	NAVY	RDTE/OTHER DEFENSE - RESEARCH	545
	UNIVERSITY OF NORTH CAROLINA	N Carolina	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	100 1,781
	STATE TOTAL				1,881
	UNIVERSITY OF NOTRE DAME	Indiana	NAVY	RDTE/OTHER DEFENSE - RESEARCH	321
	UNIVERSITY OF OKLAHOMA	Oklahoma	NAVY	RDTE/OTHER DEFENSE - RESEARCH	129
	UNIVERSITY OF OREGON	Oregon	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,410
	UNIVERSITY OF PENNSYLVANIA	Penn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	3,113
	UNIVERSITY OF PITTSBURGH	Penn	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	1,976 50
	STATE TOTAL				2,026
	CONTRACTOR TOTAL				60
		S Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH	2,086
	UNIVERSITY OF PUERTO RICO	Puerto Rico	NAVY	RDTE/OTHER DEFENSE - RESEARCH	135
	UNIVERSITY OF RHODE ISLAND	Rhode Isld	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,348
	UNIVERSITY OF ROCHESTER	New York	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,785
	UNIVERSITY OF SOUTH CAROLINA	S Carolina	NAVY	RDTE/OTHER DEFENSE - RESEARCH	198
	UNIVERSITY OF SOUTH FLORIDA	Florida	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	UNIVERSITY OF SOUTHERN CALIF	California	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	17,836 5,022
	STATE TOTAL				22,858

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)				
UNIVERSITY OF SOUTHERN MISS	Miss	NAVY	RDTE/OTHER DEFENSE - RESEARCH	\$ 115
UNIVERSITY OF TENNESSEE	Tennessee	NAVY	RDTE/OTHER DEFENSE - RESEARCH	1,487
UNIVERSITY OF TEXAS SYSTEM	Texas	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	2,769 60
STATE TOTAL				2,829
UNIVERSITY OF TOLEDO THE	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	30
UNIVERSITY OF TULSA INC	Oklahoma	NAVY	RDTE/OTHER DEFENSE - RESEARCH	80
UNIVERSITY OF UTAH	Utah	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	1,830 237
STATE TOTAL				2,067
UNIVERSITY OF VERMONT	Vermont	NAVY	RDTE/OTHER DEFENSE - RESEARCH	30
UNIVERSITY OF VIRGINIA	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	893
UNIVERSITY OF WASHINGTON	Missouri	NAVY	RDTE/OTHER DEFENSE - RESEARCH	481
CONTRACTOR TOTAL				5,746
UNIVERSITY OF WISCONSIN SYSTEM	Washington	NAVY	RDTE/OTHER DEFENSE - RESEARCH	6,227
STATE TOTAL				1,444 72
UNIVERSITY OF WYOMING	Wisconsin	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	1,516
UNLIMITED POTENTIAL INC	Wyoming	NAVY	RDTE/OTHER DEFENSE - RESEARCH	460
UTAH STATE UNIVERSITY	Kentucky	ARMY	RDTE/OTHER DEFENSE - RESEARCH	37
VANDERBILT UNIVERSITY THE	Utah	NAVY	RDTE/OTHER DEFENSE - RESEARCH	310
STATE TOTAL				56 1,710
VEXCEL CORPORATION	Tennessee	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	1,766
VIRGINIA COMMONWEALTH UNIV	Colorado	ARMY	RDTE/OTHER DEFENSE - RESEARCH	146
VIRGINIA PLTYCHNIC INST/ST UNI	Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	108
	Virginia	ARMY NAVY	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	128 1,464

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD91 (CONTINUED)					
			USAF	RDTE/OTHER DEFENSE - RESEARCH	\$ 610
		STATE TOTAL			2,202
	VISTA RESEARCH INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	225
	VITALINK COMMUNICATIONS CORP	California	ARMY	RDTE/OTHER DEFENSE - RESEARCH	215
	VMS CONSULTING ENGINEERS	New York	ARMY	RDTE/OTHER DEFENSE - RESEARCH	49
	WASHINGTON CONSULTING GROUP INC	D.C.	NAVY	RDTE/OTHER DEFENSE - RESEARCH	115
	WASHINGTON STATE UNIVERSITY	Washington	NAVY	RDTE/OTHER DEFENSE - RESEARCH	443
	WASHINGTON UNIVERSITY	Missouri	NAVY	RDTE/OTHER DEFENSE - RESEARCH	944
	WEBB RESEARCH CORP	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	185-
	WEFA INC	D.C.	ARMY	RDTE/OTHER DEFENSE - RESEARCH	100
	WELDING CONSULTANTS INC	Ohio	ARMY	RDTE/OTHER DEFENSE - RESEARCH	57
	WESLEYAN U	Conn	NAVY	RDTE/OTHER DEFENSE - RESEARCH	48
	WEST VIRGINIA UNIVERSITY	W Virginia	NAVY	RDTE/OTHER DEFENSE - RESEARCH	237
	WESTERN MICHIGAN UNIVERSITY	Michigan	NAVY	RDTE/OTHER DEFENSE - RESEARCH	50
	WESTERN RESEARCH CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	5,282
	WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	500 600
		STATE TOTAL			1,100
		Penn	ARMY NAVY USAF	RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH RDTE/OTHER DEFENSE - RESEARCH	100 220 85
		STATE TOTAL			405
	CONTRACTOR TOTAL				1,505
	WILLIAMS INTERNATIONAL CORP	Michigan	USAF	RDTE/OTHER DEFENSE - RESEARCH	27
	WOODS HOLE OCEANOGRAPHIC INSTN	Mass	NAVY	RDTE/OTHER DEFENSE - RESEARCH	12,222
	WRIGHT STATE UNIVERSITY	Ohio	USAF	RDTE/OTHER DEFENSE - RESEARCH	512
	X M R. INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	100

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD91 (CONTINUED)					
	XAVIER UNIVERSITY	Louisiana	NAVY	RDTE/OTHER DEFENSE - RESEARCH	99
	XEROX CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	198
	XONTECH INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	248
	YALE UNIVERSITY	Conn	ARMY	RDTE/OTHER DEFENSE - RESEARCH	350
			NAVY	RDTE/OTHER DEFENSE - RESEARCH	5,704
	STATE TOTAL				6,054
	ZERNOW TECHNICAL SERVICES INC	California	NAVY	RDTE/OTHER DEFENSE - RESEARCH	26
	R&D TOTAL				651,064
AD92	1-SYSTEMS INC	Minnesota	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	A A I CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	160
	A T & T TECHNOLOGIES INC	New Jersey	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	110
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	615
	STATE TOTAL				725
	ACUREX CORPORATION	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	518
	ADAPTIVE MACHINE	Ohio	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	491
	ADAPTIVE OPTICS ASSOCIATES INC	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	975
	ADTECH SYSTEM RESEARCH INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	60
	ADVANCED COMMUNICATION ENG CO	Maryland	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	90
	ADVANCED COMPOSITE ENGRG	Indiana	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	46
	ADVANCED DECISION SYSTEMS	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,668
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	799
	STATE TOTAL				3,467
	ADVANCED MARINE ENTERPRISES	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	605
	ADVANCED MATERIALS CORP	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
	ADVANCED REFR TECHNOLOGIES	New York	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	77
	ADVANCED RES & APPLICATIONS	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,252

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
		STATE TOTAL			
	AERODYNE RESEARCH INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	145
					1,397
	AEROJET ELECTROSYSTEMS CO	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	170
					133
	AEROJET GENERAL CORPORATION	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,822
					200
	AEROJET ORDNANCE COMPANY	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	150
					577
	AEROJET SOLID PROPULSION CO	California	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	727
		STATE TOTAL			
	AEROVIRONMENT, INC.	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	47
	AGBABIAN ASSOCIATES	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	37
	AIR PRODUCTS & CHEMICALS	Penn	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	163 103
		STATE TOTAL			
	ALABAMA CRYOGENIC ENGINEERING	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	266
					49
	ALCOA DEFENSE SYSTEMS INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	458
	ALLEN CORPORATION OF AMERICA	Virginia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	244
	ALLIED-SIGNAL INC	Arizona	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	856
		California	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	206 280
		STATE TOTAL			
	Illinois	USAF		RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	486
					83
	Indiana	NAVY		RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	385
	Maryland	ARMY USAF		RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,645 77
		STATE TOTAL			
	New Jersey	ARMY		RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,722
					50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
	CONTRACTOR TOTAL				
	ALPHATECH INC	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,582
	AMDAHL CORPORATION	D.C.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	469
	AMERCOM INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	490
	AMERICAN CYANAMID COMPANY INC	New Jersey	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	79
	AMERICAN DEVELOPMENT CORP	S Carolina	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	55
	AMERICAN HOECHST CORPORATION	New Jersey	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	118
	AMERICAN INST OF AERONAUTICS	D.C.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	170
	AMERICAN INST RSRCH BEHAV SCI	D.C.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	35
	AMERICAN RES CORP VIRGINIA	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	70
	AMETEK INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	126
	AMEX SYSTEMS INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	155
	AMPARO CORPORATION	New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	174
	AMRON CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	42
	ANALATOM INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	40
	ANALYTIC DECISION INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	45
	ANALYTIC SCIENCES CORP THE	Mass	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	304 275 1,198
	STATE TOTAL				1,473
	ANALYTIC SERVICES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	380
	ANALYTICAL ASSESSMENTS CORP	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	
	ANALYTICAL METHODS INC	Washington	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	ANALYTICAL SYSTEMS ENGRG CORP	D.C.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	250
	ANALYTICS INCORPORATED	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	110
	ANAMET LABORATORIES INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	362

AD92 (CONTINUED)

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	ANRO ENGINEERING CONSULTANTS	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	167
	ANTHROPOLOGY RESEARCH PROJECT	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	180
	APPLICATIONS RESEARCH CORP	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	101
	APPLIED ELECTROMAGNETICS INC	Georgia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	415
	APPLIED PHYSICS INC	New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	521
	APPLIED RESEARCH ASSOCIATES	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	228
		New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,163
		N Carolina	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	89
	CONTRACTOR TOTAL				2,480
	APPLIED RESEARCH CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	55
	APPLIED RESEARCH INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,435
		California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	170
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	70
	CONTRACTOR TOTAL				3,675
	APPLIED SCIENCE ASSOCIATES INC	Penn	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	343
	APPLIED TECHNOLOGY LAB	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	81
	APPLIED THEORY INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	449
	APTEK INC	Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,407
	ARCO POWER TECHNOLOGY	D.C.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	396
	ARETE ASSOCIATES	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	150
	ARTIFICIAL INTELLIGENCE ATLANT	Georgia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	ASTRON RESEARCH & ENGINEERING	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	540
	ASTRONAUTICS CORP AMERICA	Wisconsin	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	120
	ATACS CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
	ATHENA ENGINEERING CO	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD92 (CONTINUED)

ATLANTIC RESEARCH CORPORATION	Virginia	ARMY USAF	RDTE/OTHER DEFENSE - RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP EXPLORATORY DEVELOP	\$ 462 1,228
STATE TOTAL					
ATOMIC WEAPONS RESEARCH ESTABL	UNITED KIN	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	700
AUBURN UNIVERSITY	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	2,389
AUSTIN RESEARCH ASSOCIATES	Texas	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	283
AUTOMATION RES SYSTEMS LTD	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	293
AUTOMETRIC INC	Virginia	ARMY USAF	RDTE/OTHER DEFENSE - RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP EXPLORATORY DEVELOP	50 89
STATE TOTAL					
AVANTEK INC	California	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	213
AVCO CORPORATION	Mass	ARMY USAF	RDTE/OTHER DEFENSE - RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP EXPLORATORY DEVELOP	1,687 155
STATE TOTAL					
B & M TECHNOLOGICAL SERVICES	Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	270
B-K DYNAMICS INC	Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	48
BAAS CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	26
BABCOCK & WILCOX COMPANY	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	75
BALL CORPORATION	Colorado	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	38
BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY USAF	RDTE/OTHER DEFENSE - RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP EXPLORATORY DEVELOP	2,718 1,081
STATE TOTAL					
	Washington	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	73
CONTRACTOR TOTAL					
BBN COMMUNICATIONS CORP	Mass	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	364
BDM CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	78
	New Mexico	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	2,719

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD92 (CONTINUED)

	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	9 692
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1 043
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	232
	STATE TOTAL				10,967
	California	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	13,764
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	100
	Texas	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	35
	Oregon	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	234
	Nevada	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	72
	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	3,348
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	950
	STATE TOTAL				264
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,214
					2,291
	STATE TOTAL				3,505
	Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	50
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	30
	Montana	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	96
	Mass	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	40
	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	7,595
	Penn	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	90
	Washington	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	780
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	100
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	6,350
	STATE TOTAL				7,230
	California	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	14,915
					100
	CONTRACTOR TOTAL				
	BOLT BERANEK & NEWMAN INC				

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		
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AD92 (CONTINUED)

Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	\$	40
	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		467
	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		275
	STATE TOTAL				782
					882
Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		622
	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		470
	STATE TOTAL				1,092
Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		313
					1,405
Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		74
Florida	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		41
D.C.	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		31
Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		99
New Jersey	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		112
D.C.	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		130
Penn	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		300
California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		76
California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		5,166
New Mexico	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		203
					5,369
California	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		2,535
New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		525
	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		90
	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,114
	STATE TOTAL				1,729
Penn	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		144

CONTRACTOR TOTAL

BOOZ ALLEN & HAMILTON INC

CONTRACTOR TOTAL

BOSTON UNIVERSITY

BRUNSWICK CORPORATION

BURKE TECHNOLOGIES INC

BURNETTE ENGINEERING

C M C ELECTRONICS INC

C S R INC

CALGON CORPORATION

CALIFORNIA INST OF TECHNOLOGY

CALIFORNIA RES & TECHNOLOGY

CONTRACTOR TOTAL

CALIFORNIA STATE UNIVERSITY

CALSPAN CORPORATION

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD92 (CONTINUED)

CONTRACTOR TOTAL					\$	1,873
CANADIAN COMMERCIAL CORPORATN	D.C.	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		50
	CANADA	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		740
CONTRACTOR TOTAL						790
CARNEGIE-MELLON UNIVERSITY	Penn	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		3,277
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		2,324
STATE TOTAL						5,601
CARPENTER RSCH CORP	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		227
CAS INC	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,673
CASE WESTERN RESERVE UNIV	Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		101
CASTLE TECHNOLOGY CORP	Mass	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		517
CATHOLIC UNIVERSITY OF AMER	D.C.	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		100
CELTIC RESEARCH	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		48
CEMCOM RESEARCH ASSOC INC	Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		50
CENTER FOR REMOTE SENSING	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		49
CENTRAL POWER ENGINEERING	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		82
CERAMATEC INC	Utah	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		50
CHARLES RIVER ANALYTICS INC	Mass	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		285
CHIRP CORP	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		50
CICCONE V J & ASSOCIATES INC	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		163
CITY UNIVERSITY OF NEW YORK	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		84
CLARKSON UNIVERSITY	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		120
COLORADO RESEARCH DEVELOPMENT	Colorado	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		457
COLORADO STATE UNIVERSITY	Colorado	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		84
COLSA INC	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		3,114

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	CONTRACTOR TOTAL				
	COLUMBIA UNIVERSITY	New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	94
			ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,208
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	300
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	30
					57
	STATE TOTAL				387
	COMAR INC	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	101
	COMPUTATIONAL MECHANICS	Tennessee	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	123
	COMPUTER COGNITION INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	93
	COMPUTER CORPORATION AMERICA	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	406
	COMPUTER SCIENCES CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,262
	COMPUTER SYSTEMS MANAGEMENT	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	270
	COMPUTER TECHNOLOGY ASSOC	Colorado	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	44-
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	400
	CONTRACTOR TOTAL				356
	COMSAT TECHNOLOGY PRODUCTS	Maryland	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,123
	CONCEPT ENGINEERING	Washington	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	66
	CONCO INC	Kentucky	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	252
	CONSOLIDATED INDUSTRIES INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	529
	CONSULTANT SPECIALIST INC	Oregon	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	56
	CONTROL DATA CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	CORDEC CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	196
	CORNELL UNIVERSITY	New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	127
	CORVUS SYSTEMS INCORPORATED	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	181
	CREATIVE OPTICS INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	CROTON INSTITUTE LTD	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	300

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
AD92 (CONTINUED)					
	CUSHING VINCENT J	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 39
	CYBERMATION INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	46
	DARTMOUTH COLLEGE	N.H.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	DATA	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
	DATAMETRICS RESEARCH INC	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	159
	DAVEY COMPRESSOR COMPANY	Ohio	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	168
	DAVID SARNOFF RESEARCH LABS	New Jersey	NAVY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	270 554
		STATE TOTAL			824
	DEACON RESEARCH	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	70
	DECIOLOG INC	New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	84
	DECISION SCIENCE CONSORTIUM	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	99
	DECISION-SCIENCE APPLICATIONS	Virginia	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	767 346
		STATE TOTAL			1,113
	DIEHL GMBH & CO	GERMANY, F	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	550
	DIGITAL RADIO CORP	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	129
	DIGITAL SIGNAL CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	162
	DIRECTED TECHNOLOGIES INC	Virginia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	249
	DISPLAYTECH INC	Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	DIVERSIFIED ENGINEERING INC	Virginia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	89
	DOVE ELECTRONICS INC	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	191
	DOW CHEMICAL COMPANY, THE	Michigan	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	584
	DRAPER CHARLES STARK LAB INC	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	114
	DU PONT E I DE NMURS COMPANY	Delaware	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	200
		Oklahoma	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	142

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	CONTRACTOR TOTAL				
	DYNA EAST CORPORATION	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	342
	DYNAMIC CONTROLS INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	326
	DYNAMICS TECHNOLOGY	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	360
	DYNCORP (INC)	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	143
	DYNETICS INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	350
	E A I CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	5,293
	E C CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	87
		Tennessee	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,558
	CONTRACTOR TOTAL				1,363
	E G G WASH ANALYTICAL SVCS CTR	New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,921
	E I C LABORATORY INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	625
	E-TEK DYNAMICS INC	Florida	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	84
	EAGLE-PICHER INDUSTRIES INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	71
		Colorado	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	300
		Missouri	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	CONTRACTOR TOTAL				964
	EARTH SATELLITE CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,364
	EASTMAN KODAK COMPANY	New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	200
	EATON CORPORATION	New York	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	117
					50
					280
	STATE TOTAL				330
	ECODYNAMICS RESEARCH ASSOC INC	New Mexico	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	200
	ELECTRO MECH SYSTEMS INC	Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	27
	ELECTROCHIMICA CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	400

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	ELECTROMAGNETIC SCIENCES INC	Georgia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	35
	ELECTRONIC ASSOCIATES, INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	311
		California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	98
		New Jersey	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,925
	CONTRACTOR TOTAL				2,334
	ELECTRONIC DATA SYSTEMS CORP	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	83
	ELECTRONIC DECISIONS, INC	Illinois	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	6,952
	ELECTRONIC WARFARE ASSOCIATES	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	8,120
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,530
	CONTRACTOR TOTAL				10,650
	EMERSON ELECTRIC CO	Missouri	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	375
	ENERGY APPLICATIONS & SYSTEMS	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	91
	ENERGY CONVERSION DEVICES INC	Michigan	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	85
	ENERGY MATERIALS RESEARCH	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	75
	ENERGY RESEARCH CORPORATION	Conn	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	66
	ENERGY/ENVIRONMENTAL RES GROU	Florida	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,200
	ENGINEERING RESEARCH ASSOC	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	60
	ENTECH INC	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	ENVIRONMENTAL RSRCH INSTTE MI	Michigan	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,694
		USAF	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,858
	STATE TOTAL				3,552
	ENVIRONMENTAL SCIENCES ASSOC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130
	EOS TECHNOLOGIES INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	120
	ESL INCORPORATED	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	78
		NAVY	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	180
	STATE TOTAL				258

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)					
	EVANS CHARLES & ASSOCIATES.	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 494
	FAIRCHILD INDUSTRIES INC	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	108
	FALCON ASSOCIATES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	683
	FIBER MATERIALS INC	Maine	ARMY NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49 45
		STATE TOTAL			94
	FLAM & RUSSELL INC	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	FLIGHT SYSTEMS INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	919
		New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	168
	CONTRACTOR TOTAL				1,087
	FLOUROCHEM INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	51
	FLOWDRILL CORP	Washington	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	240
	FLUID PHYSICS IND	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	54
	FLUIDYNE ENGINEERING CORP	Minnesota	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	444
	FMC CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,125
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,457 704
		STATE TOTAL			4,161
	FORD MOTOR COMPANY	Michigan	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	101
	FOSTER-MILLER INC	Mass	ARMY NAVY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130 63 149
		STATE TOTAL			342
	FRED HUTCHINSON CANCER RSCH CT	Washington	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	325
	FRONTIER ENGINEERING INC	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	616
	FUTURES GROUP INC	Conn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	53
	G T E LABORATORIES INC	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	788
	G. T. DEVICES, INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,408

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	GA TECHNOLOGIES INC	California	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	60 318
		STATE TOTAL			378
	GARJAK RESEARCH INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,122
	GENCORP INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	7,245
	GENERAL DYNAMICS CORPORATION	California	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	7,154 280
		STATE TOTAL			7,434
		Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	989
	CONTRACTOR TOTAL				8,423
	GENERAL ELECTRIC COMPANY	Arizona	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,280
		Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	709
		New Jersey	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	52
		New York	ARMY NAVY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,277 60 3,558
		STATE TOTAL			4,895
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,582
		Penn	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,463 358
		STATE TOTAL			1,821
	CONTRACTOR TOTAL				13,339
	GENERAL MOTORS CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	244
		Indiana	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,359
	CONTRACTOR TOTAL				3,603
	GENERAL RESEARCH CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	161
		California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,715

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AD92 (CONTINUED)

	Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	\$	850
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		300
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		104-
	STATE TOTAL					196
						3,922
	Penn	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		89
	D.C.	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		259
	Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		343
						602
	Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		184
	California	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		55
	Georgia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		4,730
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		150
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		510
	STATE TOTAL					5,390
						5,445
	New Jersey	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		283
	Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		57
	Maryland	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		513
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		29
	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		48
	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		283
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,076
	STATE TOTAL					1,359
	Maryland	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		149
	Arizona	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		152
	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,165

CONTRACTOR TOTAL

GENERAL SCIENCES INC

GEO-CENTERS INC

CONTRACTOR TOTAL

GEOMET INC

GEORGIA INSTITUTE TECHNOLOGY

CONTRACTOR TOTAL

GIORDANO ASSOCIATES INC

GLEASON RESEARCH ASSOCIATES

GOULD INC

GOVERNMENT CONTRACT SERVICE

GRADIENT LENS CORP

GRUMMAN AEROSPACE CORPORATION

GT-TECH INC

GTE CORPORATION

GTE PRODUCTS CORP DEL CORP

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	CONTRACTOR TOTAL				
	H & H CONSULTANTS INC	Illinois	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	H & N INSTRUMENTS INC	Ohio	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	327
	H-TECH LABORATORIES INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,592
	HARDING ASSOCIATES	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	53
	HARRIS CORPORATION	Florida	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	45
					123
					1,813
					95
					50
					745
					65
					1,979
					1,353
					3,332
	HARVARD COLLEGE	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	150
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	200
					350
	HAZELTINE CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	273
	HELIX TECHNOLOGY CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
					100
	HERCULES INCORPORATED	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	137
		Utah	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,812
		W Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	215
					2,164
	CONTRACTOR TOTAL				
	HINES LAB	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	HITTITE MICROWAVE CORPORATION	Mass	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	200

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD92 (CONTINUED)

HONEYWELL INC	Arizona	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	\$ 300
	Florida	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	698
	Mass	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	303
	Minnesota	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	8 523
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	4,087
	STATE TOTAL				12,610
	Texas	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	240
					14,151
					1,822
					51
HORIZONS TECHNOLOGY INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Illinois	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	314
	Penn	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	200
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	267
	STATE TOTAL				467
	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	2,499
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,754
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	4,392
					8,645
HUGHES AIRCRAFT COMPANY	Maryland	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	307
	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	407
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,184
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	82
	Ohio	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	283
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	362
	STATE TOTAL				645
	Illinois	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	75
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	26
					101
HUGHES ASSOCIATES INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Ohio	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	STATE TOTAL				
	Illinois	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
HUMAN FACTORS RESEARCH	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Ohio	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	STATE TOTAL				
	Illinois	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
HUMAN RSRCS RES ORGANIZATION	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Ohio	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	STATE TOTAL				
	Illinois	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
HY-TECH RESEARCH CORP	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Ohio	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	STATE TOTAL				
	Illinois	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
I A P RESEARCH INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Ohio	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	STATE TOTAL				
	Illinois	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
I I T RESEARCH INSTITUTE	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	Ohio	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
	STATE TOTAL				
	Illinois	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	

CONTRACTOR TOTAL

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)					
	CONTRACTOR TOTAL				
	I L C INDUSTRIES (DELAWARE)	Maryland	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	153
	I R T CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	55
					309
	CONTRACTOR TOTAL				
	I L C INDUSTRIES (DELAWARE)	Delaware	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	I R T CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	738
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	119
					857
	CONTRACTOR TOTAL				
	I S I GROUP INC	New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	62
	ICF INCORPORATED	Louisiana	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130
	ICSD CORPORATION	Florida	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	106
	ILLINOIS INST OF TECHNOLOGY	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	270
	IMO DELAVAL	Ohio	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	40
	IMPULSE ENGINEERING	Conn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	146
	INDIANA UNIVERSITY	Indiana	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130
	INFORMATION SCIENCE, INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	60
	INFORMATION SYSTEMS LABS	Virginia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	230
	INNOVATIVE DYNAMICS	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	53
	INNOVATIVE MECHANICS INC	Illinois	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	46
	INSTITUTE FOR FORGN POL	Michigan	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	250
	INTELLICORP	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	950
	INTERNATIONAL SOFTWARE SYSTEMS	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	321
	INTERSPEC INC	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	IONWERKS	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	ITEK CORPORATION	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	386
		Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	5,322
	CONTRACTOR TOTAL				
					5,708

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)					
	ITT CORPORATION	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 170
		Indiana	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	41
		New Jersey	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	265
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	105
	CONTRACTOR TOTAL				581
	JAYCOR	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	10,705
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	41
	STATE TOTAL				10,746
		D. C.	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	227
		Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	141
		Miss	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,053
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,111
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	280
	STATE TOTAL				1,391
	CONTRACTOR TOTAL				13,608
	JOHNS HOPKINS UNIVERSITY	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	150
	KAISER AEROSPACE & ELEC CORP	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	200
	KAMAN AEROSPACE CORPORATION	Conn	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130
	KAMAN SCIENCES CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,870
		Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,691
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	308
	STATE TOTAL				4,999
		Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	700
		New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	47
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,369
	CONTRACTOR TOTAL				10,985

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)				
KARAGOZIAN & CASE	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 288
KBM ENTERPRISES INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	301
KNOLL INTERNATIONAL HOLDG CO	Indiana	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	105
KNOWLEDGE SYSTEMS CONCEPTS INC	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,156
KNOWLEX TECH CORP	Colorado	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
KOPIN CORP	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	98
KRUG INTERNATIONAL CORPORATION	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,378
KTECH CORPORATION	New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	177
L. N. K CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	283
LA JOLLA INSTITUTE	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	140
LASERCOM, INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
LEXIKUS CORP	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
LIGHTWAVE ELECTRONICS CORP	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	39
LINGUISTIC RESEARCH INSTITUTE	Colorado	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	112
LITTLE ARTHUR D INC	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	200
LITTON INDUSTRIES INC	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	47
	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	33	
	STATE TOTAL			80
LITTON SYSTEMS INC	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	240
	Maryland	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	150
	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	59
	CONTRACTOR TOTAL			449
LOCKHEED CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	150
	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,012	
	STATE TOTAL			1,162
	Georgia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,750
	CONTRACTOR TOTAL			4,912

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	11,240
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,227
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	149
	STATE TOTAL				14,616
		Nevada	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	863
		Washington	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	601
	CONTRACTOR TOTAL				16,080
	LOCUS INC	Penn	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	753
		Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	123
	CONTRACTOR TOTAL				876
	LOGICON INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,266
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	936
	STATE TOTAL				5,202
		Nebraska	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,018
		Virginia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	205
	CONTRACTOR TOTAL				7,425
	LORAL CORPORATION	Arizona	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	40
		Ohio	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,977
	CONTRACTOR TOTAL				3,017
	LORAL ELECTRO-OPTICAL SYSTEMS	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	155
	LORAL HYCOR INC	Mass	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	953
	LOUISIANA STATE UNIVERSITY	Louisiana	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	32
	STATE TOTAL				82
	LSI INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	965
	LTV AEROSPACE & DEFENSE CO	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	197
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	210
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,094
	STATE TOTAL				1,501

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
AD92 (CONTINUED)					
	LTV CORPORATION THE	Texas	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,191 50
		STATE TOTAL			1,241
	LUNDY ELECTRONICS & SYSTEMS	Florida	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	88
	M R J INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	393
	M S D A ASSOCIATES	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	46
	M T L SYSTEMS INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	278
	M/A COM INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	250
	M/A COM LINKABIT INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,943
	M/A-COM PHI INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	79
	MAC AULAY-BROWN INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	245
	MACHINE CRAFT INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	723
	MACHLETT LABORATORIES INC	Conn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	35
	MAGNAVOX GOVT & INDUST ELECTR	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	58
		Indiana	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	320
	CONTRACTOR TOTAL				378
	MANAGEMENT SUPPORT TECHNOLOGY	Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	32
	MARK RESOURCES INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	450
	MARTIN MARIETTA CORPORATION	Colorado	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	8,034 466
		STATE TOTAL			8,500
		Florida	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,429 101
		STATE TOTAL			4,530
		Maryland	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,350 339
		STATE TOTAL			3,689
	CONTRACTOR TOTAL				16,719

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	MARTINGALE RESEARCH CORP	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	MARTRONIX INC	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	MASCON ASSOCIATES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	190
	MASSACHSTTS INST OF TECHNOLOGY	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	527
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	164
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	146
	STATE TOTAL				837
	MATERIAL & ELECTROCHEMICAL	Arizona	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	MATERIAL CONCEPTS INC	Ohio	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	72
	MATRIX CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	348
	MAXIM TECHNOLOGIES INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	826
	MAXIMA CORPORATION	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	893
	MAXWELL LABORATORIES INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	26,770
		New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,150
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	183
	CONTRACTOR TOTAL				28,103
	MAYO FOUNDATION	Minnesota	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	MC CABE T J & ASSOCIATES IN	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	MC DONNELL DOUGLAS CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,330
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	185
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	187
	STATE TOTAL				3,702
	Colorado		USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	835
	Missouri		NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	383
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	6,700
	STATE TOTAL				7,083
	Ohio		USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	36
	CONTRACTOR TOTAL				11,656

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)				
MC LEAN RESEARCH CENTER, INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 319
MECHANICAL TECHNOLOGY INC	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	694
MERIDIAN CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	98
MERIT TECHNOLOGY INC	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	115
MERRITT CASES INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	369
METATECH CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	705
METCALF & EDDY INC	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	53
METCUT RESEARCH ASSOCIATES,	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	817
MIA COM PHI INC	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	39
MICREL INCORPORATED	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
MICRILOR INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	65
MICRO CRAFT INC	Tennessee	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	85-
MICROCOM CORPORATION	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	97
MID ATLANTIC RESEARCH CORP	Ohio	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
MIDWEST RESEARCH INSTITUTE	Missouri	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
MIDWEST SYSTEMS RESEARCH INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	725
MILLIMETER WAVE TECHNOLOGY	Georgia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
MILLITECH CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
MINE SAFETY APPLS COMPANY	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	132
	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	272
CONTRACTOR TOTAL				404
MINNESOTA MIN & MFG COMPANY	Minnesota	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	85
MISSION RESEARCH CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	12,211
	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	48	
		RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100	
STATE TOTAL				12,359
	Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	656

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	CONTRACTOR TOTAL				
	MISSISSIPPI STATE UNIVERSITY	D. C.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	33
	MOOG INC	N. H.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	45
	MORTON THIOKOL INC	New Mexico	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	441
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	44
					13,578
	CONTRACTOR TOTAL				589
	MISSISSIPPI STATE UNIVERSITY	Miss	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	MOOG INC	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,996
	MORTON THIOKOL INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	449
		Utah	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,445
	CONTRACTOR TOTAL				37
	MOTOR INDUSTRY RESEARCH CORP	UNITED KIN	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,107
	MOTOROLA INC	Arizona	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	196
			STATE TOTAL		1,303
	MTS SYSTEMS CORPORATION	Maryland	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	91
	MYK TECHNOLOGY INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	47
	N K F ENGINEERING ASSOCIATES	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,394
	N K H INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	68
	NATIONAL ACADEMY OF SCIENCES	D. C.	ARMY NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	509 157
			STATE TOTAL		666
	NATIONAL SECURITY RESEARCH	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	76
	NATIVE AMERICAN SERVICE ASSN	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,100
	NATL COUNCIL ON RAD PROTECTION	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	NETWORK SOLUTIONS INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	298
	NEW MXICO INST OF MIN TCHNLGY	New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	490

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	NEW YORK UNIVERSITY	New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	140
	NICHOLS RESEARCH CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,245
		Michigan	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	62
		New Mexico	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	75
	CONTRACTOR TOTAL				1,382
	NIELSEN ENGINEERING AND RES	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	55
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	87
	STATE TOTAL				142
	NORDEN SYSTEMS INC	New York	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	150
	NORTH AMERICAN PHILIPS CORP	New York	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	98
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	480
	STATE TOTAL				578
	NORTH CAROLINA A&T UNIV	N Carolina	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	96
	NORTH CAROLINA STATE UNIV	N Carolina	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	176
	NORTH TEXAS STATE UNIVERSITY	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	104
	NORTHROP CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,076
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,523
	STATE TOTAL				2,699
	CONTRACTOR TOTAL	Illinois	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	178
	NORTHROP SERVICES INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,877
	NORTHWESTERN RSCH INSTITUTE	Conn	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,878
	OCCO MANUFACTURING CORP	New Jersey	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	OHIO STATE UNIVERSITY	Ohio	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	92
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	STATE TOTAL				586
					636

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	OPTELECOM. INC	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	198
	OPTIMETRICS INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	342
	ORION SYSTEMS INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	55
	ORTEL CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	80
	STATE TOTAL				130
	OVONIC IMAGING SYSTEMS INC	Michigan	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	80
	P C O INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	686
		UNITED KIN	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	120
	CONTRACTOR TOTAL				806
	P D A ENGINEERING	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	548
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	247
	STATE TOTAL				795
	PACER SYSTEMS INC	Mass	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	161
	PACIFIC SIERRA RESEARCH CORP	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,590
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,050
	STATE TOTAL				3,640
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	799
	CONTRACTOR TOTAL				4,439
	PACIFICA TECHNOLOGY	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,192
	PAM RESEARCH COMPANY	Florida	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	401
	PAN AM WORLD SERVICES INC	Nevada	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	468
	PAR TECHNOLOGY CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,046
	PARKER HANNIFIN CORPORATION	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	35
	PECO ENTERPRISES INC	Iowa	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	369
	PENNSYLVANIA STATE UNIV	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	PENNWALT CORPORATION	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	744

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)					
	PERCEPTONICS INC	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 848
		Michigan	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	140
	CONTRACTOR TOTAL				988
	PHASEX CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	56
	PHOENIX CHEMICAL LABORATORY	Illinois	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
	PHOTO METRIC INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	239
	PHYSICAL DYNAMICS INC	Washington	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	442
	PHYSICAL OPTICS CORP	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	75
	STATE TOTAL				125
	PHYSICAL RESEARCH INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	652
		California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,209
	CONTRACTOR TOTAL				3,861
	PHYSICAL SCIENCES INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	394
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	CONTRACTOR TOTAL				444
	PHYSICON INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	99
	PHYSICS INTERNATIONAL COMPANY	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	11,639
		New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	425
	CONTRACTOR TOTAL				12,064
	PIERCE JOHN B FOUNDATION LAB	Conn	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	116
	PINSON ASSOCIATES INC	Texas	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	PLANNING RESEARCH CORPORATION	Nebraska	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,593
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	375
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	600
	STATE TOTAL				975

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD92 (CONTINUED)

CONTRACTOR TOTAL					\$	
PLASMA RESEARCH CORPORATION	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		3,568
PLESSEY RESEACH CASWELL LTD	UNITED KIN	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		215
POLYFORM CORP	Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		88
POLYTECHNIC UNIV OF NEW YORK	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		48
PRECISION ANALYTICS INC	Washington	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,010
PRINCETON COMBUSTION RES LABS	New Jersey	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		49
PRINCETON UNIVERSITY	New Jersey	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		30
PROGRAMMED COMPOSITES INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		75
PROPULSION DYNAMICS CORP	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		50
PSYCHOMETRICS INC	California	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		49
PULSE SCIENCES INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		65
Q-DOT INC	Colorado	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		976
QUADRATEC ELECTRONIC INC	Florida	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		47
QUADREX CORPORATION	Florida	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		32
QUALITY SYSTEMS INCORPORATED	Missouri	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		396
QUANTEX CORPORATION	Maryland	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		106
QUEST COMPANY	Conn	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		92
QUEST RESEARCH CORPORATION	Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		50
	Virginia	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		510
	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP			840
						622
STATE TOTAL						1,462
CONTRACTOR TOTAL						1,972
QUESTECH INC	Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		248
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		135
CONTRACTOR TOTAL						383

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME		STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)					
R & D ASSOCIATES					
	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	\$ 17,712
	D.C.	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	99
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	328
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	146
	STATE TOTAL				474
CONTRACTOR TOTAL					
	GERMANY, F	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,886
					20,171
	Maryland	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	41
	Texas	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	97
	ISRAEL	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	850
	Washington	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	49
	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	91
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	69
	STATE TOTAL				160
	Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	103,063
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	440
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,351
	STATE TOTAL				104,854
CONTRACTOR TOTAL					
	Mass	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	100
	Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	262
	Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	400
	Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	662
	New Jersey	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	458
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	584
			RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	502
	STATE TOTAL				1,086
	Texas	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,500
	CONTRACTOR TOTAL				3,044

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)					
	REGIS CHEMICAL CO	Illinois	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 90
	REKENTHALER TECHNOLOGY ASSOC	Maryland	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	88
	REMOTE TECHNOLOGY	Tennessee	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
	RENSIS LIKERT ASSOCIATES INC	Michigan	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	RES TECH INC	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	80
	RESEARCH ANALYSIS AND MAINT	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,088
	RESEARCH APPLICATIONS INC	Maryland	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	32
	RESEARCH TRIANGLE INSTITUTE	N Carolina	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	474
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	423
		STATE TOTAL			897
	RESOURCE ENGRG & PLANNING	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	161
	RESPONSE ANALYSIS CORPORATION	Maryland	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	99
	RIVERPORT INDUSTRIES INC	Indiana	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	147
	RIVERSIDE RESEARCH INSTITUTE	New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	980
	ROBERTS ASSOCIATES INC	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	75
	ROCKCOR INC	Washington	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	216
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	85
		STATE TOTAL			301
	ROCKWELL INTERNATIONAL CORP	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,388
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,078
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,913
		STATE TOTAL			6,379
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	239
		Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	73
		STATE TOTAL			6,691
	CONTRACTOR TOTAL				
	ROHR INDUSTRIES INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	285
	ROLLS-ROYCE INC	Georgia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	253
	ROME RESEARCH CORP	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	329

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)					
	ROSENBAUM HAROLD ASSOCIATES	Mass	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 388
	ROSPATCH CORPORATION	New York	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	151
	ROTHER DEVELOPMENTS INC	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	553
	ROWE DEINES INSTRUMENTS INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	RUSH-PRESBYTERIAN ST LUKES MED	Illinois	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	134
	S & D DYNAMICS INC	New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	67
	S K W CORP	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	195
	S W L INC	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	181
	S Y CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	140
	SACHS FREEMAN ASSOCIATES INC	D.C.	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	700
		Maryland	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	3,658
	CONTRACTOR TOTAL				4,358
	SAFETY SCIENCES	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	75
	SANDERS ASSOCIATES INC	N.H.	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	228
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	616
			STATE TOTAL		844
	SANGAMO WESTON INC	S Carolina	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130
	SANTA FE CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	95
	SAPHIKON INC	N.H.	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	58
	SAXPY COMPUTER CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	85
	SCA RSCH	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	54
	SCHAFER W J ASSOCIATES INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	849
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,472
	CONTRACTOR TOTAL				5,321
	SCI TEC INC	New Jersey	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	75

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	SCIENCE & ENGINEERING ASSOC	Nebraska	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
		Nevada	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	74
		New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	376
	CONTRACTOR TOTAL				499
	SCIENCE & TECHNOLOGY CORP	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	328
	SCIENCE & TECHNOLOGY INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	651
	SCIENCE APPLICATIONS INTL CORP	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,177
		California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	9,011
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,377
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	912
	STATE TOTAL				11,300
		Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	96
		Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	302
		Nevada	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	992
		New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,314
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	98
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	18,902
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	769
	STATE TOTAL				19,671
	CONTRACTOR TOTAL				34,950
	SCIENCE RESEARCH LABORATORY	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	SCIPAR INCORPORATED	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	69
	SEARCH TECHNOLOGY INC	Georgia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	350
	SECURITY TAG SYSTEMS INC	Florida	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
	SEKAR ENTERPRISES	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	SEMCOR INC	New Jersey	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	102

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		\$
AD92 (CONTINUED)						
	SEMETEX CORP	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		26
	SEMTEC INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		191
	SHAKER RESEARCH CORP	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		519
	SIGNAL RESEARCH CENTER INC	Illinois	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		54
	SIGNAL SCIENCE INC	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		150
	SIGNATRON INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		48
	SIMULATION TECHNOLOGIES, INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		595
	SIMULATION TECHNOLOGY INC	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		286
	SINGER COMPANY THE	Arizona	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		3,983
		N Carolina	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		468
	CONTRACTOR TOTAL					4,451
	SMALL BUS HIGH TECHNOLOGY INST	Arizona	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		300
	SMART SYSTEMS TECHNOLOGY INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		105
	SOCIETY OF AUTO ENGINEERS	Penn	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		88
	SOFTWARE ARCHITECTURE & ENGRG	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		1,163
	SOL TELECOMMUNICATION SERVICE	Arizona	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		29
	SOLAR TURBINES, INCORPORATED	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		150
	SONALYSTS INC	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		106
	SOUTHEASTERN CTR ELEC ENG ED	Florida	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		435
	SOUTHERN METHODIST UNIVERSITY	Texas	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		51
	SOUTHERN RESEARCH INSTITUTE	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		634
		NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		31	
		USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		547	
	STATE TOTAL					1,212
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		487
		USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP		662	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AD92 (CONTINUED)

\$ 1,149

STATE TOTAL

SPACE COMMUNICATION COMPANY	Maryland	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	49
SPACE DATA CORPORATION	Arizona	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	350
SPACE INSTRUMENTS INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	196
SPARTA INC	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	275
	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	733
	USAF		RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	68

STATE TOTAL

801

Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	296
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CONTRACTOR TOTAL

1,372

SPARTON CORPORATION	Michigan	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	213
SPECTRA TECHNOLOGY INC	Washington	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	300
SPECTRON DEVELOPMENT LABS	California	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	150
SPEECH SYSTEMS INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	58
SPIRE CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	295
SRI INTERNATIONAL	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	8,278
	NAVY		RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	2,565
	USAF		RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	5,699

STATE TOTAL

16,542

SRS TECHNOLOGIES

Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,248	
California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	731	
	USAF		RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	243

STATE TOTAL

974

CONTRACTOR TOTAL

2,222

STAN MARTIN & ASSOC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	120
STANFORD LELAND JUNIOR UNIV	California	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	150
	USAF		RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	758

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	STATE UNIVERSITY OF NEW YORK	New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	908
	STELLAR INC	Penn	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	850
	STRATEGIC ANALYSIS INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	120
	STRUCTURAL ANALYSIS TECH	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
	SULLIVAN MINING CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	48
	SUNDSTRAND CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	47
		Illinois	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	118
	CONTRACTOR TOTAL				42
	SUPERCON INCORPORATED	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	160
	SURVICE ENGINEERING COMPANY	Maryland	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	SWERLING, MANASSE & SMITH INC	California	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	158
	SYMBIOTICS INC	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	SYNECTICS CORP	Virginia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	SYNEURONIX	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	174
	SYRACUSE RESEARCH CORP	New York	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	52
	SYRACUSE UNIVERSITY	New York	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	470
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	120
					3,369
	STATE TOTAL				3,489
	SYSCON CORPORATION	D.C.	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	186
	SYSTEM DEVELOPMENT CORPORATION	Penn	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	500
	SYSTEM DYNAMICS INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	361
		Florida	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	336
	CONTRACTOR TOTAL				697
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	850

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
AD92 (CONTINUED)					
	SYSTEMS & SECURITY TECHNOLOGY	Virginia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	SYSTEMS ENGINEERING INC	Maryland	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	215
	SYSTEMS EXPLORATION INC	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,165
	SYSTEMS PLANNING & ANALYSIS	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	SYSTEMS RESEARCH CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	30
	SYSTEMS RESEARCH LABORATORIES	Ohio	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	291
					485
					52
					66
					7,257
					7,323
					1,098
					8,421
					191
					93
					57
					53
					1,526
					1,579
					368
					481
					849
					206
					1,055
					496
					50
					546

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD92 (CONTINUED)					
	TECH REPS INCORPORATED	New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	\$ 1,917
	TECHNICAL RESEARCH ASSOCIATES	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	218
	TECHNICAL SERVICES GROUP	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	386
	TECHNOLOGY DEVELOPMENT ASSOC	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	45
	TECHNOLOGY FOR ENERGY CORP	Tennessee	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	278
	TECHNOLOGY INTERNATIONAL CORP	Mass	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	295
	TECHNOLOGY INTERNATIONAL INC	Louisiana	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	TECHNOLOGY SYSTEMS INC	Maine	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	TELECOMMUNICATION SCIENC ASSC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	120
		Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	60
	CONTRACTOR TOTAL				180
	TELEDYNE INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	4,965
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	645
	CONTRACTOR TOTAL				5,610
	TELEDYNE INDUSTRIES INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,220
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	250
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	31
	STATE TOTAL				2,501
	TERRA TEK INC	Utah	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	906
	TETRA CORPORATION	New Mexico	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	172
	TEXAS A & M UNIVERSITY SYSTEM	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	860
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	184
	STATE TOTAL				1,044
	TEXAS INSTRUMENTS INCORPORATED	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,641
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	345
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,620
	STATE TOTAL				4,606
	TEXAS MEDICAL INSTRUMENTS INC	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	290

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	TEXAS TECH UNIVERSITY	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	700
	THERMACORE INC	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	49
	THOMSON CORPORATION OF AMERICA	Texas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	THORN EMI TECHNOLOGY INC	Georgia	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
	THREE C SYSTEMS INC	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	69
	TITAN CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	250
	TOYON RESEARCH CORP	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	597
	TRACER TECHNOLOGIES	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	400
	TRACOR APPLIED SCIENCES INC	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	149
	TRACOR MBA	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	119
	TRACOR-HYDRONAUTICS, INC	Maryland	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	305
	TRANSITIONS RESEARCH CORP	Conn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	TRIAD MICROSYSTEMS INC	Alabama	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	386
	TROGLOOYTE SOCIETY INC	Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	50
	TRW INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,920
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	813
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,778
	STATE TOTAL				5,511
		Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	51
		Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	382
	CONTRACTOR TOTAL				5,944
	TRW MICROWAVE, INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	68
	TURBO POWER & MARINE SYSTEMS	Conn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	60
	U S DEPARTMENT OF COMMERCE	Colorado	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	150
	ULTRAMET	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	620
	ULTRASYSTEMS WESTERN CONSTR	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	310

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD92 (CONTINUED)

UNIQUE MOBILITY INC	Colorado	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	\$ 49
UNISYS CORPORATION	Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,172
	Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	319
CONTRACTOR TOTAL					1,491
UNITED KINGDOM AUTOMIC	UNITED KIN	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	69
UNITED SPACE BOOSTERS, INC	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	25
UNITED STATES DEPT ENERGY	Tennessee	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	970
UNITED TECHNOLOGIES CORP	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	200
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	707
STATE TOTAL					907
	Conn	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	992
	Florida	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	98
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	3,734
STATE TOTAL					3,832
					5,731
CONTRACTOR TOTAL					50
UNIVERSAL ANALYTICS INC	California	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,415
UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	660
UNIVERSAL MACHINING CO INC	Tennessee	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	1,582
UNIVERSAL TECHNOLOGY CORP	Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	125
UNIVERSAL VOLTRONICS CORP	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	3,611
UNIVERSITY OF ALABAMA	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	200
UNIVERSITY OF ARIZONA	Arizona	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	407
UNIVERSITY OF CAL SAN DIEGO	California	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	100
UNIVERSITY OF CALIFORNIA	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	91
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP	191
STATE TOTAL					

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	UNIVERSITY OF CALIFORNIA-DAVIS	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130
	UNIVERSITY OF DAYTON	Ohio	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	220 9,836
		STATE TOTAL			10,056
	UNIVERSITY OF DENVER	Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	149
	UNIVERSITY OF FLORIDA	Florida	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	176 100
		STATE TOTAL			276
	UNIVERSITY OF HOUSTON SYSTEM	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	40
	UNIVERSITY OF ILLINOIS	Illinois	ARMY NAVY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	156 300 77
		STATE TOTAL			533
	UNIVERSITY OF IOWA THE	Iowa	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	237
	UNIVERSITY OF KANSAS	Kansas	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	112
	UNIVERSITY OF MARYLAND	Colorado	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	32
		Maryland	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,072
	CONTRACTOR TOTAL				1,104
	UNIVERSITY OF MASSACHUSETTS	Mass	ARMY USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,125 300
		STATE TOTAL			1,425
	UNIVERSITY OF MIAMI INC	Florida	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	30
	UNIVERSITY OF MICHIGAN	Michigan	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	72
	UNIVERSITY OF MISSOURI	Missouri	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	97
	UNIVERSITY OF NEVADA SYSTEM	Nevada	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	120
	UNIVERSITY OF NORTH CAROLINA	N Carolina	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	138
	UNIVERSITY OF NOTRE DAME	Indiana	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	48
	UNIVERSITY OF PENNSYLVANIA	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	136

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD92 (CONTINUED)					
	UNIVERSITY OF PITTSBURGH	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	130
	UNIVERSITY OF ROCHESTER	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	266
		New York	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	250
	CONTRACTOR TOTAL				249
	UNIVERSITY OF SOUTH FLORIDA	Florida	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	230
	UNIVERSITY OF SOUTHERN CALIF	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	479
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	225
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	100
			NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	557
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,180
	STATE TOTAL				1,837
	UNIVERSITY OF TENNESSEE	Tennessee	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	122
	UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	486
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	73
	STATE TOTAL				559
	UNIVERSITY OF UTAH	Utah	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	852
	UNIVERSITY OF VIRGINIA	Virginia	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	744
	UNIVERSITY OF WASHINGTON	Missouri	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,548
	UTAH BIOMEDICAL TEST LAB	Utah	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	142
	UTAH BIORESEARCH INC	Utah	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	55
	UTAH STATE UNIVERSITY	Utah	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	1,188
	UTD INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	2,074
	VANGUARD RESEARCH INC	Virginia	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	489
	VARIAN ASSOCIATES INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	592
			USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	198
	STATE TOTAL				790
	VEDA INCORPORATED	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP	393

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD92 (CONTINUED)

CONTRACTOR TOTAL					\$	35
VERITAY TECHNOLOGY INC	Virginia	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		428
VIRGINIA PLYTHNIC INST/ST UNI	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		50
	Virginia	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		180
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		161
STATE TOTAL						341
VISIDYNE INC	Mass	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		127
VITRO CORPORATION	Maryland	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		122
VLSI DESIGN ASSOCIATES INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		167
VMS CONSULTING ENGINEERS	Alabama	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		300
WASHINGTON STATE UNIVERSITY	Washington	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		290
WASHINGTON UNIVERSITY	Missouri	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		25
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		70
STATE TOTAL						95
WEIDLINGER ASSOCIATES INC	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		150
	New York	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,532
CONTRACTOR TOTAL						1,682
WEST VIRGINIA UNIVERSITY	W Virginia	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		34
WESTERN INSTRUMENT CORPORATION	California	NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,830
WESTINGHOUSE ELECTRIC CORP	California	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		12,350
	Maryland	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		8,059
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		600
		USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,580
STATE TOTAL						10,239
	Ohio	USAF	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		1,166
	Penn	ARMY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		2,073
		NAVY	RDTE/OTHER DEFENSE -	EXPLORATORY DEVELOP		544

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	USAF	RDTE/OTHER DEFENSE	- EXPLORATORY DEVELOP	\$
AD92 (CONTINUED)								
	CONTRACTOR TOTAL				STATE TOTAL			
	WESTON ROY F INC	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				771
	WILLIAMS INTERNATIONAL CORP	Michigan	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				3,388
	WOODS HOLE OCEANOGRAPHIC INSTN	Mass	NAVY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				27,143
	WOODSIDE DESIGN ASSOC INC	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				1,017
	WOOLLAM, JA CO	Nebraska	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				50
	WRIGHT STATE UNIVERSITY	Ohio	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				49
	WYLE LABORATORIES	California	USAF	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				81
	XEROX CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				214
	XI MAGNETICS INC	Penn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				391-
	YALE UNIVERSITY	Conn	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				70
	ZAK TECHNOLOGIES INC	Illinois	ARMY	RDTE/OTHER DEFENSE - EXPLORATORY DEVELOP				250
	R&D TOTAL							87
								838,858
AD93	A A I CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				2,014
	A E TECH INCORPORATED	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				232
	ADAPTIVE OPTICS ASSOCIATES INC	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				356
	ADAPTIVE TECHNOLOGY INC	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				28
	ADROIT ENGINEERING	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				320
	ADVANCED ELECTRO MAGNETICS	New Mexico	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				152
	ADVANCED OPTICAL SYSTEM	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				91
	ADVANCED SYSTEMS TECHNOLOGIES	Colorado	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				121
	AERODYNE RESEARCH INC	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				584
	AEROFLEX SYSTEMS	Virginia	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				329

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD93 (CONTINUED)					
	AEROJET ELECTROSYSTEMS CO	California	ARMY NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	92 243
		STATE TOTAL			335
	AEROJET GENERAL CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,951
	AEROJET SOLID PROPULSION CO	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	116
	AEROJET TECHSYSTEMS CO	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	655
	ALBANY INTERNATIONAL CORP	Mass	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	36
	ALLIED-SIGNAL INC	Maryland	ARMY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,253 1,000
		STATE TOTAL			4,253
	ALLOY SURFACES CO	Delaware	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	144
	ALPHATECH INC	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,126
	AMBER ENGINEERING CORP	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	120
	AMBER ENGINEERING INC	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	98
	AMERICAN RED CROSS DC CHAPTER	D.C.	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,062
	ANALYTIC ADVISORY GROUP INC	Virginia	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	54
	ANALYTIC SCIENCES CORP THE	Mass	ARMY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,341 497
		STATE TOTAL			2,838
	ANALYTIC SERVICES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,077
	ANALYTICAL SYSTEMS ENGRG CORP	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	38
	ANALYTICS INCORPORATED	Penn	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	75
	ANAMET LABORATORIES INC	Ohio	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	29
	ANSALDO SPA	ITALY	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100
	AOG SYSTEMS CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	95
	APPLIED HYDRO-ACOUSTICS RES	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	55

DEPARTMENT OF DEFENSE
PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT
FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
AD93 (CONTINUED)					
	APPLIED MEASUREMENT SYSTEMS	Florida	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,351
	APPLIED RESEARCH INC	Alabama	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	426
	APPLIED TECHNOLOGY ASSOCIATES	Penn	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	596
	AQUIDNECK SYSTEMS INTL	Rhode Isl	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	4,920
	ARIZONA STATE UNIVERSITY	Arizona	NAVY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	37 45
		STATE TOTAL			82
	ASTRON RESEARCH & ENGINEERING	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	50
	ATLANTIC RESEARCH CORPORATION	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,361
	AUBURN UNIVERSITY	Alabama	ARMY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	69 212
		STATE TOTAL			281
	AUTOMATION RES SYSTEMS LTD	Virginia	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100
	AUTOMETRIC INC	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	537
		Texas	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	400
		Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	255
	CONTRACTOR TOTAL				1,192
	AVCO CORPORATION	Hawaii	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,754
		Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	9,872
					12,626
	CONTRACTOR TOTAL				250
	B-K DYNAMICS INC	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	48
	BALL CORPORATION	Colorado	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	655
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	195
		STATE TOTAL			850
	BAYLOR UNIVERSITY	Texas	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	600

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD93 (CONTINUED)					
	BDM CORPORATION	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	7,845
		New Mexico	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	176
			USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	714
	STATE TOTAL				890
		Virginia	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	393
			NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	165
	STATE TOTAL				558
	CONTRACTOR TOTAL				9,293
	BELTRAN ASSOCIATES INC	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	75
	BERKELEY RESEARCH ASSOCIATES	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	241
	BOEING COMPANY THE	Alabama	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	89
		Kansas	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100
		Washington	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,846
	CONTRACTOR TOTAL				4,035
	BOLT BERANEK & NEWMAN INC	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	934
		Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,808
	CONTRACTOR TOTAL				4,742
	BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	41
			USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	130
	STATE TOTAL				171
	BP NORTH AMERICA INC	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	32
	BROWN UNIV PRV ST RI PLAN	Rhode Isl	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	193
	BRUNSWICK CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	847
	BUDD COMPANY, THE	Penn	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	64
	C & M TECHNOLOGY INC	Conn	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	125
	CARNEGIE-MELLON UNIVERSITY	Penn	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	431

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD93 (CONTINUED)					
		STATE TOTAL			
	CBI NA-CON INC	Illinois	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,652
	CHAMBERLAIN MANUFACTURING CORP	Maryland	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,083
	COLLINS INTERNATIONAL SV CO	Iowa	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,450
	COLSA INC	Alabama	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	136
	COMPUTER CORPORATION AMERICA	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	988
	COMPUTER SCIENCE INNOVATIONS	Florida	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,116
	COMPUTER SCIENCES CORPORATION	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	36
	CONTROL DATA CORPORATION	Minnesota	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	85
	CORDEC CORPORATION	Ohio	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	426
	CORVUS SYSTEMS INCORPORATED	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	122
	CRAIG SYSTEMS CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	48
	CREARE, INC	N.H.	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	97
	DAUBIN SYSTEMS CORPORATION	Florida	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	136
	DAVID SARNOFF RESEARCH LABS	New Jersey	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	51
	DBA SYSTEMS INC	Florida	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	170
	DCS CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	293
	DECISION SCIENCE CONSORTIUM	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	350
	DELTA DATA SYSTEMS CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	510
	DISPLAYTECH INC	Miss	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	84
	DWA COMPOSITE SPECIALTIES INC	Colorado	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	60
	DYNAMICS RESEARCH CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	50
	DYNACORP (INC)	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	49
	E-TEK DYNAMICS INC	Ohio	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	181
		Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100
			USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	182

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD93 (CONTINUED)					
	EASTMAN KODAK COMPANY	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	\$ 754
	ELECTRONIC ASSOCIATES, INC	New Jersey	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	348
	ENERGY RESEARCH CORPORATION	Conn	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	384
	ENGINEERED AIR SYSTEMS INC	Missouri	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	400
	EPOCH ENGINEERING INC	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,551
		ANTARCTICA	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	41
	CONTRACTOR TOTAL				1,592
	ETA INTERNATIONAL INC	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	750
	ETA TECHNOLOGIES CORP	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	802
	EXCELCO DEVELOPMENT INC	New York	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	43
	FIBERTEK INC	Virginia	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	41
	FLORIDA STATE UNIVERSITY	Florida	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	140
	FMC CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	60
		Minnesota	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,930
	CONTRACTOR TOTAL				1,990
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100 754
		STATE TOTAL			854
	FOSTER-MILLER INC	Mass	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	466
	FRIED D L ASSOCIATES INC	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	909
	GA TECHNOLOGIES INC	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	350
	GENERAL APPLIED SCIENCE	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,066
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	400
		Texas	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	71
	CONTRACTOR TOTAL				471

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD93 (CONTINUED)					
GENERAL ELECTRIC COMPANY					
	Arizona	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	\$ 2,406
	New York	ARMY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	100
		NAVY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	712
		USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	3,414
	STATE TOTAL				4,226
CONTRACTOR TOTAL					
	Ohio	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	1,099
	Penn	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	440
	Florida	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	8,171
	California	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	41
	Virginia	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	53
					1,465
	CONTRACTOR TOTAL				1,518
GEORGETOWN UNIVERSITY					
	D. C.	NAVY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	90
GEORGIA INSTITUTE TECHNOLOGY					
	Georgia	ARMY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	1,137
		NAVY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	200
		USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	726
	STATE TOTAL				2,063
GINER INC					
	Mass	ARMY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	305
GOULD INC					
	Maryland	ARMY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	3,275
GRUMMAN AEROSPACE CORPORATION					
	New York	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	898
GRUMMAN DATA SYSTEMS CORP					
	New York	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	503
GTE PRODUCTS CORP DEL CORP					
	California	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	201
	Colorado	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	385
					586
CONTRACTOR TOTAL					
	New York	NAVY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	570
HAMPSHIRE INSTRUMENTS INC					
	Florida	USAF	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	7,017
HARRIS CORPORATION					
	Virginia	ARMY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	300
HARRIS GROUP THE, INC					
	Mass	NAVY	RDTE/OTHER DEFENSE -	ADVANCED DEVELOPMENT	225
HARVARD COLLEGE					

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD93 (CONTINUED)					
	HAZELTINE CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	213
	HELIOS INCORPORATED	Colorado	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	600
	HONEYWELL INC	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,336
		Mass	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	99
		Minnesota	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	70
			USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,011
		STATE TOTAL			1,081
					2,516
	CONTRACTOR TOTAL				53
	HTC INDUSTRIES INC	Conn	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	286
	HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,158
			NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	7,500
			USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	9,944
		STATE TOTAL			1,248
	HUGHES ASSOCIATES INC	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	247
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	132
		Maryland	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	379
					486
	CONTRACTOR TOTAL				217
	I R T CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,300
	INTEGRATED SOFTWARE INC	Florida	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,347
	ITE INC	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	85
	ITEK CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	302
	ITT CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	330
		New Jersey	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	632
			USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,140
		STATE TOTAL			1,857
	CONTRACTOR TOTAL	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD93 (CONTINUED)				
JACKSON LABORATORY, THE	Maine	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	140
JAYCOR	Ohio	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	795
JOHNS HOPKINS UNIVERSITY	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	129
KAMAN SCIENCES CORPORATION	Colorado	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	850
KESTREL INSTITUTE	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	837
KNOWLEDGE SYSTEMS CONCEPTS INC	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	351
L. N. K. CORPORATION	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	74
LAWRENCE LIVERMORE LABORATORY	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	121
LIBRARY OF CONGRESS	D C	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	30
LICA SYSTEMS INC	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	180
LINGUISTIC RESEARCH INSTITUTE	Colorado	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	75
LITTON SYSTEMS INC	Maryland	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	252
	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	312
CONTRACTOR TOTAL				
LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	365
LOCUS INC	Penn	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	76
LOGICON INC	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	128
LSI INC	Alabama	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	122
LTV AEROSPACE & DEFENSE CO	Texas	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	281
M M R TECHNOLOGIES, INC	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	208
M S B SYSTEMS INC	Conn	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	120
MAINSTREAM ENGINEERING CORP	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	49
MALIBU RESEARCH ASSOCIATES,	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100
MAR INCORPORATED	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,520
MARQUARDT COMPANY, THE	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	4,069
MARTIN MARIETTA CORPORATION	Colorado	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,172

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	USAF	RDTE/OTHER DEFENSE	- ADVANCED DEVELOPMENT	\$
AD93 (CONTINUED)								
		STATE TOTAL						589
	MASSACHUSETTS INST OF TECHNOLOGY	Mass	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				3,761
	MC DONNELL DOUGLAS CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				157
		Missouri	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				458
								241
	CONTRACTOR TOTAL							699
	MC LEAN RESEARCH CENTER, INC	Virginia	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				399
	MESSERSCHMITT-BOELKOW BLOHM	GERMANY, F	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				2,100
	MEISAT INC	Colorado	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				160
	MICROCOSM	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				53
	MIDWEST BIOLASER INSTITUTE	Illinois	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				500
	MILLIMETER WAVE TECHNOLOGY	Georgia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				31
	MINE SAFETY APPLS COMPANY	Penn	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				40
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				50
	NATIONAL ACADEMY OF SCIENCES	D C	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				556
	NATIONAL AERONAUTICS SPC ADMIN	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				650
	NEW ENGLAND RESEARCH CENTER	Mass	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				98
	NEW MXICO INST OF MIN TCHNLGY	New Mexico	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				196
	NICHOLS RESEARCH CORPORATION	Alabama	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				90
			USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				420
		STATE TOTAL						510
	NORDAM	Oklahoma	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				844
	NORTH CAROLINA STATE UNIV	N Carolina	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				530
	NORTHROP CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				2,322
		Illinois	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT				30
	CONTRACTOR TOTAL							2,352

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CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD93 (CONTINUED)				
ODYSSEY RESEARCH ASSOCIATES	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	\$ 2,120
OPTICAL COATING LABORATORY	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	59
OPTICOMP CORP INC	Nevada	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100
OPTRA INC	Mass	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	350
OPTRON SYSTEMS INC	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	141
ORI INC	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,112
PACIFIC SIERRA RESEARCH CORP	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	440
PAR TECHNOLOGY CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,919
PENNSYLVANIA STATE UNIV	Penn	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	266
PERCEPTICS CORPORATION	Tennessee	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	99
PERKIN-ELMER CORPORATION	Conn	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,650
		USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	71
STATE TOTAL				2,721
PHOTON RESEARCH ASSOCIATES INC	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	85
PHYSICAL SCIENCES INC	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	50
PHYSICS INTERNATIONAL COMPANY	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	250
PLANNING RESEARCH CORPORATION	Nebraska	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	642
PLANNING SYSTEMS INC	Virginia	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	320
PRINCETON UNIVERSITY	New Jersey	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	102
R & D ASSOCIATES	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	99
R J O ENTERPRISES INC	Maryland	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	400
RAND CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	156
RASOR ASSOCIATES, INC	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	73
RAVEN INC	Virginia	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	153
RAYTHEON COMPANY	Mass	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	118
		USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,521
STATE TOTAL				3,639

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD93 (CONTINUED)					
	RCA CORPORATION	New Jersey	ARMY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	\$ 54 1,013
		STATE TOTAL			1,067
	RENSSELAER POLYTECHNIC INST	New York	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	35
	RESEARCH TRIANGLE INSTITUTE	N Carolina	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	120
	RIVERSIDE RESEARCH INSTITUTE	New York	ARMY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	6,532 3,663
		STATE TOTAL			10,195
	ROCKWELL INTERNATIONAL CORP	California	ARMY NAVY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,200 272 3,521
		STATE TOTAL			5,993
	S S G INC	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	170
	SACHS FREEMAN ASSOCIATES INC	D.C.	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	269
		Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,276
		CONTRACTOR TOTAL			1,545
	SAN JOSE STATE UNIVERSITY	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	173
	SANDERS ASSOCIATES INC	N.H.	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	574
	SANDIA CORPORATION	New Mexico	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	115
	SCIENCE APPLICATIONS INTL CORP	Arizona	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,031
		California	ARMY NAVY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	553 1,864 404
		STATE TOTAL			2,821
		Virginia	ARMY NAVY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	200 510 250
		STATE TOTAL			960
	CONTRACTOR TOTAL				6,812
	SCIENCE RESEARCH LABORATORY	Mass	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	58

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD93 (CONTINUED)					
	SCIENTIFIC SYSTEMS INC	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	217
	SELENIA INDUSTRIE ELETTRONICHE	ITALY	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	134
	SIGMA RESEARCH INC	Washington	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	50
	SIMULATION TECHNOLOGY INC	Texas	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	227
	SIPPICAN INC	Mass	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	222
	SOLAR REACTOR TECHNOLOGY INC	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,100
	SONALYSTS INC	Conn	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	229
	SONOSCAN, INC	Illinois	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	118
	SOREG NEUCLEAR RESEARCH CENTER	ISRAEL	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	330
	SOUTHEASTERN CTR ELEC ENG ID	Florida	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	42
			USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	333
					375
			STATE TOTAL		
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	55
	SPACE POWER INCORPORATED	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	605
	SPARTA INC	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,914
	SPERRY CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	30
		Minnesota	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	92
		New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	353
		Utah	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	53
					528
	CONTRACTOR TOTAL				
	SRI INTERNATIONAL	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,237
	SRS TECHNOLOGIES	Alabama	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	799
		California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,216
	CONTRACTOR TOTAL				2,015
	STANFORD LELAND JUNIOR UNIV	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	483

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD93 (CONTINUED)					
	STANFORD TELECOMMUNICATIONS	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	60
	STATE UNIVERSITY OF NEW YORK	New York	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	736
	SYNECTICS CORP	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	120
	SYNETICS CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	50
	SYRACUSE RESEARCH CORP	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	743
	SYRACUSE UNIVERSITY	New York	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	328
	SYSTEM DEVELOPMENT CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	800
	SYSTEM DYNAMICS INC	Florida	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	397
	SYSTEMS CONTROL INC	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	87
	SYSTEMS EXPLORATION INC	Ohio	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	606
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,953
	SYTEK, INC	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	864
	TECOGEN INC	Mass	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	155
	TEKMAT CORP	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	50
	TEKKNOWLEDGE INC	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,286
	TEXAS A & M UNIVERSITY SYSTEM	Texas	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	26
	TEXAS INSTRUMENTS INCORPORATED	Texas	ARMY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	3,317 500
	STATE TOTAL				3,817
	TEXAS TECH UNIVERSITY	Texas	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	120
	TIL DEFENSE SYSTEMS	ISRAEL	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	455
	TRACOR APPLIED SCIENCES INC	Texas	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,422
	TRW INC	California	ARMY NAVY USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,600 923 281
	STATE TOTAL				3,804

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD93 (CONTINUED)					
	CONTRACTOR TOTAL				
	TTL TECHNIQUES	Virginia	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	994
					4,798
	U S DEPARTMENT OF COMMERCE	Penn	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	49
	ULTRAMET	D C	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,001
	UNITED STATES DEPT ENERGY	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	50
	UNITED TECHNOLOGIES CORP	Illinois	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,018
	UNIVERSAL ENERGY SYSTEMS INC	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	54
	UNIVERSITY OF ALABAMA	Ohio	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	131
	UNIVERSITY OF ALASKA	Alabama	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	200
	UNIVERSITY OF ARIZONA	Alaska	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	74
		Arizona	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	250
	STATE TOTAL				858
					1,108
	UNIVERSITY OF CALIFORNIA	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	587
	UNIVERSITY OF CHICAGO, THE	Michigan	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	261
	UNIVERSITY OF COLORADO	Colorado	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	205
	UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	50
	UNIVERSITY OF FLORIDA	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,168
	UNIVERSITY OF ILLINOIS	Illinois	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100
	UNIVERSITY OF KENTUCKY	Kentucky	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	25
	UNIVERSITY OF MARYLAND	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	150
	UNIVERSITY OF MASSACHUSETTS	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	245
	UNIVERSITY OF MIAMI INC	Florida	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	72
	UNIVERSITY OF MICHIGAN	D C	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	40
	CONTRACTOR TOTAL	Michigan	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	200
					240

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD93 (CONTINUED)				
UNIVERSITY OF NEW MEXICO	New Mexico	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	\$ 39
UNIVERSITY OF NOTRE DAME	Indiana	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	47
UNIVERSITY OF PENNSYLVANIA	Penn	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	30
UNIVERSITY OF SOUTHERN CALIF	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	2,282
UNIVERSITY OF TEXAS SYSTEM	Texas	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,532
UNIVERSITY OF UTAH	Utah	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	403
UNIVERSITY OF WASHINGTON	Washington	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	180
UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	125
UNIVERSITY OF WYOMING	Wyoming	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	59
UTAH STATE UNIVERSITY	Utah	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	100
VANDEBILT UNIVERSITY THE	Tennessee	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	200
VANZETTI SYSTEMS INC	Mass	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	163
VEDA INCORPORATED	Florida	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	402
VERAC INCORPORATED	California	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	1,236
WESTERN RESEARCH CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	296
WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	77
		USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	8,894
STATE TOTAL				8,971
XEROX CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	378
ZEISS CARL	GERMANY, F	USAF	RDTE/OTHER DEFENSE - ADVANCED DEVELOPMENT	54
R&D TOTAL				257,940
AD94				
A A I CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	275
A T & T TECHNOLOGIES INC	Mass	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	2,741
ADVANCED DECISION SYSTEMS	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	456
ADVANCED RES & APPLICATIONS	California	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	128
ALLIED-SIGNAL INC	Maryland	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	423

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD94 (CONTINUED)					
	ALPHATECH INC	Mass	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	232
	ANALYTIC SCIENCES CORP THE	Florida	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	352
		Mass	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	384
	CONTRACTOR TOTAL				736
	ANALYTICAL SYSTEMS ENGRG CORP	Florida	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	86
	ANALYTICS INCORPORATED	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	67
		Virginia	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	169
	CONTRACTOR TOTAL				236
	APPLIED CONCEPTS CORP	Virginia	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	183
	APPLIED PHYSICS INC	New Mexico	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	60
	APPLIED RESEARCH ASSOCIATES	New Mexico	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	26
	AQUA-CHEM INC	Wisconsin	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	99
	ARGOSYSTEMS INC	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,071
	ATLANTIC ANALYSIS CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	97
	AVCO CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	170
	B A SYSTEMS	Maryland	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	30
	BATTELLE DEVELOPMENT CORP	Ohio	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	293
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	594
			USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	90
	STATE TOTAL				684
	BENDER SHIPBUILDING & REPR CO	Alabama	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	889
	BENDIX FIELD ENGINEERING CORP	Maryland	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	333
	BERKELEY RESEARCH ASSOCIATES	Virginia	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	187
	BEIAC CORPORATION	Virginia	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	682
	BIO-IMAGING RESEARCH INC	Illinois	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	146

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	
AC94 (CONTINUED)					
	BOEING COMPANY THE	Texas	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	\$ 172
	BOCJ ALLEN & HAMILTON INC	Maryland	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	220
		New Mexico	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	634
	CONTRACTOR TOTAL				854
	BROWN UNIV PRV ST RI PLAN	Rhode Isld	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	43
	BRUNSWICK CORPORATION	Florida	ARMY USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	88 925
		STATE TOTAL			1,013
	CATALYST RESEARCH CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	130
	CHAMBERLAIN MANUFACTURING CORP	Maryland	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	550
	COLLINS INTERNATIONAL SV CO	Iowa	NAVY USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	3,006 74,978
		STATE TOTAL			77,984
	COMAR INC	Texas	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	43
	COMPUTER SCIENCE INNOVATIONS	Florida	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	266
	CORNING GLASS WORKS	New York	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	70
	DEFENSE RESEARCH TECHNOLOGIES	Maryland	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	424
	DIGICOMP RESEARCH CORP	New York	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,435
	DARODYNE INC	Arizona	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	925
	E SYSTEMS INC	Virginia	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	301
	EATON CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	167
	ECONOMICS TECHNOLOGY ASSOC	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	709
	ELECTRONICS CORPORATION	New York	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	158
	ELECTRONIC ASSOCIATES INC	Alabama	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	100
		New Jersey	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	50
	CONTRACTOR TOTAL				150

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD94 (CONTINUED)					
	ESSEX CORPORATION	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	644
	FAIRCHILD WESTON SYSTEMS INC	New York	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	350
	G K Y & ASSOCIATES INC	Virginia	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	51
	GENERAL DEFENSE CORPORATION	Florida	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	99
	GENERAL ELECTRIC COMPANY	Penn	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	73
	GENERAL RESEARCH CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	381
	GEODYNAMICS CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	50
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	178 38
	STATE TOTAL				216
	GINER INC	Mass	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	50
	GLOBAL CHEMICAL SYSTEMS, INC	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	219
	GRASEBY DYNAMICS LTD	UNITED KIN	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,382
	GRUMMAN AEROSPACE CORPORATION	New York	NAVY USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,800 35
	STATE TOTAL				1,835
	GTE GOVERNMENT SYSTEMS INC	Mass	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	130
	GTE PRODUCTS CORP DFL CORP	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	285
	HERCULES INCORPORATED	Florida	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	456
	HONEYWELL INC	Minnesota	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	110
	HOWDEN COLONEY INC	Florida	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	3,815
	HRB-SINGER INC	Penn	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	325
	HUGHES AIRCRAFT COMPANY	California	NAVY USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	2,626 524-
	STATE TOTAL				2,102
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	158
	INGERSOLL-RAND COMPANY	N Carolina	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	8

DEPARTMENT OF DEFENSE
PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT
FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
A. 14 (CONTINUED)				
INTERNATIONAL BUS MCHS CORP	Maryland	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	128
	Virginia	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	146
CONTRACTOR TOTAL				274
JAYCOR	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	730
		NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	29
STATE TOTAL				759
	Ohio	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,143
CONTRACTOR TOTAL				1,902
KETRON INC	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	66
KEYSTONE COMPUTER ASSOCIATES	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	150
KNOWLEDGE SYSTEMS CONCEPTS INC	New York	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	35
KOHLBERG & ASSOCIATES	Virginia	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	84
LIFE SYSTEMS, INC	Ohio	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	175
LOCKHEED CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	288
LOCKHEED MISSILES & SPACE CO	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	37
		NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,200
STATE TOTAL				1,237
LOCUS INC	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	753
LOGICON INC	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	2,202
	Virginia	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	432
CONTRACTOR TOTAL				2,634
LSI INC	Alabama	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	104
LTV AEROSPACE & DEFENSE CO	Texas	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	546
MARQUARDT COMPANY, THE	California	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	95
MARTIN MARIETTA CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	574
	Florida	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	157

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AD94 (CONTINUED)

	CONTRACTOR TOTAL				\$	110
	MARTIN-BAKER AIRCRAFT CO LTD	UNITED KIN	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		841
	MC DONNELL DOUGLAS CORPORATION	Colorado	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		5,984
		Missouri	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		597
	CONTRACTOR TOTAL					2,000
	MC DONNELL DOUGLAS INCO INC	Colorado	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		2,597
		Virginia	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		4,277
	CONTRACTOR TOTAL					1,358
	METRON INC	Virginia	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		5,635
	MICRO COMPUTER SYSTEM INC	Virginia	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		80
	MINE SAFETY APPLS COMPANY	Penn	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		35
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		47
	MOTOROLA INC	Arizona	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		128
	P D A ENGINEERING	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		2,801
	PACIFIC SCIENCE & ENGRG GROUP	California	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		50
	PAR TECHNOLOGY CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		221
	PHOTON RESEARCH ASSOCIATES INC	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		64
	PIONEER PARACHUTE COMPANY INC	Conn	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		140
	QUEST RESEARCH CORPORATION	Virginia	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		49
	RAYCHEM CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		39
	RAYTHECN SERVICE COMPANY	Ohio	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		70
	RCA CORPORATION	New Jersey	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		50
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		3,759
		Iowa	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		117
						6,998

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
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AD94 (CONTINUED)

CONTRACTOR TOTAL					\$	7,115
	ROTHE DEVELOPMENTS INC	Texas	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		165
	SAMUEL L FAGIN ASSOC	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		165
	SCI TEC INC	New Jersey	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		310
	SCIENCE APPLICATIONS INTL CORP	Virginia	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		74
	SEARCH TECHNOLOGY INC	Georgia	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		960
	SEPARATION SYSTEMS TECHNOLOGY	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		50
	SIMULATION TECHNOLOGIES, INC	Alabama	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		471
	SINGER COMPANY THE	Arizona	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		754
		Arkansas	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		1,815
		California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		187
		Texas	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		32,315
						35,071
CONTRACTOR TOTAL						36
	SKF INDUSTRIES INC	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		4,470
	SOFTTECH INC	Virginia	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		35
	SOUTHERN RESEARCH INSTITUTE	Alabama	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		225
			USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		260
		STATE TOTAL				200
	SOUTHWEST RESEARCH INSTITUTE	Texas	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		700
	SPARTON CORPORATION	Michigan	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		3,986
	SPERRY CORPORATION	New York	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		4,061
			USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		8,047
		STATE TOTAL				2,246
	SRI INTERNATIONAL	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		47
	SRS TECHNOLOGIES	Alabama	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		593
	STV ENGINEERS INC	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP		

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
AD94 (CONTINUED)					
	SYSTEM DYNAMICS INC	Florida	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	88
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	9,279
	TELEDYNE INC	Alabama	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	53-
	TELEDYNE INDUSTRIES INC	Alabama	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	84
	TEXAS INSTRUMENTS INCORPORATED	Texas	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	94
			NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	216
			USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	171
		STATE TOTAL			481
	TRW INC	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	6,263
			USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	18,896
		STATE TOTAL			25,159
		Mass	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	5,203
					30,362
	CONTRACTOR TOTAL				
	U B C INC	Florida	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	100
	U S DEPARTMENT OF COMMERCE	Colorado	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	75
	ULTRASYSTEMS INCORPORATED	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,004
	UNISYS CORPORATION	Alabama	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,684
	UNITED TECHNOLOGIES CORP	California	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	647
		Conn	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,420-
		Florida	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,700
					927
	CONTRACTOR TOTAL				
	UNIVERSITY OF CAL SAN DIEGO	California	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	55
	UNIVERSITY OF COLORADO	Colorado	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	25
	UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	35
	VANTAGE ASSOCIATES INC	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	288
	VERSAR, INC	Virginia	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	214

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD94 (CONTINUED)					
	VITRO CORPORATION	Maryland	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	468
	VREULS RESEARCH CORPORATION	California	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	547
	WAGNER DANIEL H ASSOCIATES	Penn	NAVY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	44
	Y TWO LTD INC	California	ARMY	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	57
	ZEROONE SYSTEMS, INC	Texas	USAF	RDTE/OTHER DEFENSE - ENGINEERING DEVELOP	1,044
	R&D TOTAL				246,025
AD95 A A I CORPORATION					
	ADAPTIVE OPTICS ASSOCIATES INC	Maryland	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	184
	AEROJET ELECTROSYSTEMS CO	Mass	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	835
	ALPHATECH INC	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	26,535
	AMERICAN SATELLITE COMPANY	Mass	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	279
	AMERICAN SOC FOR ENGRG EDUCATN	Maryland	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	88
	ANALYSIS & TECHNOLOGY INC	D.C.	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	1,821
	ANALYTICAL SYSTEMS ENGRG CORP	Conn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	271
		Florida	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	59
		Mass	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	50
	CONTRACTOR TOTAL				109
	ANALYTICS INCORPORATED	Penn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	35
	ARGOTEC INC	Florida	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	70
	ARINC RESEARCH CORPORATION	Maryland	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	1,282
	ASCHKENASY ERNEST INC	New York	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	110
	AUTOMETRIC INC	Virginia	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	228
	AVCO CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	289
	BOLT BERANEK & NEWMAN INC	Mass	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	207
	CACI INTERNATIONAL INC	D.C.	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	5,001
		Virginia	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	112

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD95 (CONTINUED)					
	CONTRACTOR TOTAL				
	CALSPAN CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	5,113
	CHAMBERLAIN MANUFACTURING CORP	Illinois	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	50
					453
		Maryland	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	404
					857
	CONTRACTOR TOTAL				650
	CLEMSON UNIVERSITY	S Carolina	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	29
	COCKERHAM JOHN M & ASSOCIATES	Alabama	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	395
		New Jersey	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	424
	CONTRACTOR TOTAL				866
	COMPUTER SCIENCES CORPORATION	Virginia	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	119
	DATACOM INC	Florida	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	1,374
	DIGITAL EQUIPMENT CORPORATION	Ohio	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	147
	DRAPER CHARLES STARK LAB INC	Mass	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	660
	DUPONT AEROSPACE CO INC	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	123
	DYNAMICS RESEARCH CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	180
	EATON CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	16,562
	ESL INCORPORATED	California	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	1,278
	EXCELCO DEVELOPMENT INC	New York	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	500
	EXECUTIVE RESOURCE ASSOCIATES	Virginia	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	5,913
	FORD ARSPACE COMMUNICATIONS CORP	California	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	2,161
		Colorado	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	8,074
	CONTRACTOR TOTAL				65
	G R D INC	Penn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	479
	GENERAL DYNAMICS CORPORATION	Utah	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	16,730
	GENERAL ELECTRIC COMPANY	Penn	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD95 (CONTINUED)					
	GTE PRODUCTS CORP DEL CORP	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	400
	HARRIS CORPORATION	Florida	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	1,015
	HARSCO CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	260
	HEWLETT-PACKARD COMPANY	Penn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	47
	HUDSON INSTITUTE INC	Indiana	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	5,526
		Virginia	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	3,388
	CONTRACTOR TOTAL				8,914
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	124
	I I T RESEARCH INSTITUTE	Maryland	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	2,130
		New Jersey	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	45
	CONTRACTOR TOTAL				2,175
	ITT CORPORATION	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	225
	KETRON INC	Penn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	319
	KEYSTONE COMPUTER ASSOCIATES	Penn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	781
	KNOWLEDGE SYSTEMS CONCEPTS INC	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	150
		New York	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	854
		Ohio	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	136
	CONTRACTOR TOTAL				1,140
	LITTLE ARTHUR D INC	Mass	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	50
	LORAL CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	130
	LORAL HYCOR INC	Mass	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	243
	MANAGEMENT ASSISTANCE CORP AMR	Maryland	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	667
		New Mexico	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	572
	CONTRACTOR TOTAL				1,239
	MANAGEMENT CONSULTING & RES	Virginia	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	181

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD95 (CONTINUED)	MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	\$ 90
		Florida	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	309
	CONTRACTOR TOTAL				399
	MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	421
	MC DONNELL DOUGLAS INCO INC	Virginia	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	3,863
	MC LEAN RESEARCH CENTER, INC	Virginia	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	487
	MINE SAFETY APPLS COMPANY	Penn	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	583
	MORTON THIOKOL INC	Alabama	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	1,005
	NEW MEXICO INST OF MIN TCHNLGY	New Mexico	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	31
	NORTH TEXAS STATE UNIVERSITY	Texas	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	50
	ODYSSEY RESEARCH ASSOCIATES	New York	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	1,154
	ORINCON CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	150
	PACER SYSTEMS INC	Penn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	414
	PAR TECHNOLOGY CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	793
	PEABODY BARNES INC	Ohio	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	69
	PERCEPTRONICS INC	Michigan	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	1,752
	PHYSICS INTERNATIONAL COMPANY	California	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	65
		Virginia	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	2,940
	CONTRACTOR TOTAL				3,005
	PIEZO TECHNOLOGY INC	Florida	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	75
	PRESEARCH INCORPORATED	Virginia	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	40
	RCA CORPORATION	New Jersey	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	3,196
			NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	975
			USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	275
	STATE TOTAL				4,446
	SANDERS ASSOCIATES INC	N.H.	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	30

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD95 (CONTINUED)					
	SCIENCE & TECHNOLOGY CORP	Virginia	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	335
	SCIENCE APPLICATIONS INTL CORP	Virginia	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	151
	SCIENTIFIC MANAGEMENT ASSOC	New Jersey	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	50
	SCIENTIFIC-ATLANTA INC	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	81
	SEMCOR INC	New Jersey	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	384
	SEVEN MOUNTAINS SCIENTIFIC	Penn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	345
	SONALYSTS INC	Conn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	166
	SOUTHWEST AEROSPACE CORP	California	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	72
	SRI INTERNATIONAL	California	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	740
	STV ENGINEERS INC	Penn	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	528
	SYRACUSE RESEARCH CORP	New York	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	132
	TECHNOLOGY APPLICATIONS	Virginia	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	28
	TEXAS INSTRUMENTS INCORPORATED	Texas	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	2,307
	TEXAS RESEARCH INSTITUTE INC	Texas	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	40
	TRACOR-HYDRONAUTICS, INC	Maryland	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	40
	TRW INC	California	ARMY USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	2,020 99
		STATE TOTAL			2,119
	UNION CARBIDE CORPORATION	Washington	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	600
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	116
	VEDA INCORPORATED	Ohio	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	50
		Penn	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	150
		Virginia	NAVY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	898
	CONTRACTOR TOTAL				1,098
	VERAC INCORPORATED	California	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	438

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AD95 (CONTINUED)				
WALLACE T H INC	Virginia	ARMY	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	\$ 88
WESTINGHOUSE ELECTRIC CORP	Maryland	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	60
ZEGAR-ABRAMS INC	Penn	USAF	RDTE/OTHER DEFENSE - OPER SYSTEMS DEVELOP	37
R&D TOTAL				132,559
AD96 A A I CORPORATION				
ADVANCED DIGITAL SYSTEM INC	Maryland	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	294-
ADVANCED RESOURCE DEVELOPMENT	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
ADVANCED TECHNOLOGY INC	Maryland	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	250
AEROSTRUCTURES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	2,625
ALBANY TITANIUM INC	Virginia	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	47
AMERICAN RES CORP VIRGINIA	Oregon	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	320
AMHERST SYSTEMS INC	Virginia	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	219
ANALYSIS & MEASUREMENT SVS	New York	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
ANALYSIS & TECHNOLOGY INC	Tennessee	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	368
ANALYTIC SCIENCES CORP THE	Conn	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	59
	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	40
	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	578
CONTRACTOR TOTAL				618
ANALYTICS INCORPORATED	Penn	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	344
	Virginia	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
CONTRACTOR TOTAL				393
ANATECH INTERNATIONAL CORP	California	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	130
AOG SYSTEMS CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
APPLIED SCIENCE GROUP INC	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
APTEC INC	Arizona	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	44
ASTRON RESEARCH & ENGINEERING	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	365

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD96 (CONTINUED)					
	ASTROSYSTEMS INC	Delaware	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	147
	ATHENA SYSTEMS INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	53
	AVTRON MANUFACTURING INC	Ohio	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	47
	BARKER ROCKFORD CO	Illinois	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	38
	BARRON ASSOCIATES INC	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	57
	BATTERY ENGINEERING	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	56
	BDM CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	5,044
	BIO TECHNICAL RESOURCES INC	Wisconsin	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	BIOMAGNETIC TECHNOLOGIES INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	BOEING COMPANY THE	Washington	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	282
	BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	7,804
	CACI INTERNATIONAL INC	California	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	650
	CALIFORNIA MICROWAVE INC	Maryland	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	569
	CHARLES RIVER ANALYTICS INC	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	491
	COCKERHAM JOHN M & ASSOCIATES	Alabama	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	484
	COMPLERE INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	48
	COMPUTER SOFTWARE ANALYSTS INC	Virginia	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	660
	CORNING GLASS WORKS	New York	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	330
	CRAIG DEVELOPMENT CORP	New York	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	185
	CSA ENGINEERING INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	100
	CUSTOM EMBLEM PRODUCTS	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	D A I INC	Maryland	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	DAMASKOS INC	Penn	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	487
	DATA	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	185
	DECISION-SCIENCE APPLICATIONS	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	64

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	NAVY	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT	\$
AD96 (CONTINUED)								
	DEFENSE SYSTEMS INC	Virginia	ARMY	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			50
	DIGITAL EQUIPMENT CORPORATION	Ohio	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			114
	DWA COMPOSITE SPECIALTIES INC	California	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			215
	DYNAMIC CONTROLS INC	Ohio	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			584
	DYNAMICS RESEARCH CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			48
	E-TEK DYNAMICS INC	Florida	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			49
	EDWARDS COMM ELECTRO OPTICS	Virginia	ARMY	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			4,000
	EIDETICS INTERNATIONAL, INC	California	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			329
	ELECTRO-MAGNETIC APPLICATION	New Mexico	ARMY	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			50
	ELECTRONIC DEVELOPMENT ASSOC	New York	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			620
	ELECTROSYN CORP	New York	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			51
	EPITAXX INC	New Jersey	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			50
	EPOLIN INC	New Jersey	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			65
	ERGENICS INC	New Jersey	ARMY	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			50
	ESSEX CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			425
	FLOW INDUSTRIES INC	Washington	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			64
	FLOWDRILL CORP	Washington	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			49
	FLUIDYNE ENGINEERING CORP	Minnesota	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			366
	FOSTER-MILLER INC	Mass	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			415
	FRONTIER ENGINEERING INC	Oklahoma	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			322
	GENERAL APPLIED SCIENCE	New York	USAF	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			103
	GENERAL DYNAMICS CORPORATION	Texas	ARMY	RDTE/OTHER DEFENSE	MANAGEMENT & SUPPORT			496

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD96 (CONTINUED)					
	GENERAL SCIENCES INC	Penn	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	57
	GEO-CENTERS INC	Mass	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	213
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	103
	GOULD COMPUTER SYSTEMS INC	Penn	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	96
	HALSEY ENGINEERING & MFG	Texas	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	HELFAND MOLDED PLASTICS CO	Penn	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	165
	HOLLINGSEAD INTERNATIONAL INC	California	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	42
	HONEYWELL INC	Minnesota	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	30-
	HUDSON INSTITUTE INC	Indiana	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	555
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	240
	ICON CONSULTANTS	Ohio	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	INDUSTRIAL QUALITY INC	Maryland	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	370
	INSTITUTE FOR DEF ANALYSES	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	47, 872
	INTERMETRICS INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	955
	KETRON INC	Penn	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	KEYSTONE COMPUTER ASSOCIATES	Penn	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	179
	KUIPERS & ASSOCS	Michigan	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	53
	LAFAYETTE INSTRUMENTS CO	Indiana	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	55
	LASER TECHNOLOGY INC	Penn	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	LIGHTWAVE ELECTRONICS CORP	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	182
	LOCUS INC	Penn	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	271
		Virginia	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	266
	CONTRACTOR TOTAL				537
	LOGICON INC	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	46
	M P D INC	New York	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
CONTINUED				
M A COM LINKABIT INC	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	1,777
WARRIEL ASSOCIATES, INC	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	57
WARRIEL INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	64
WARRIEL LABORATORIES INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	330
WARRIEL DOUGLAS CORPORATION	Missouri	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	260
WARRIEL CORPORATION	Virginia	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	495
WARRIEL INC	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	89
WARRIEL TECHNOLOGY	Georgia	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	45
WARRIEL CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	5,858
WARRIEL CORPORATION	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	46
STATE TOTAL				
WARRIEL CORPORATION	Montana	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	46
WARRIEL CORPORATION	Indiana	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	30
WARRIEL CORPORATION	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	100
WARRIEL CORPORATION	New York	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	249
WARRIEL CORPORATION	New York	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	100
WARRIEL CORPORATION	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	280
WARRIEL CORPORATION	New York	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	54
WARRIEL CORPORATION	California	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	1,077
WARRIEL CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	46
WARRIEL CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	103
WARRIEL CORPORATION	Mass	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
WARRIEL CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
WARRIEL CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	300-
WARRIEL CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	33

AD-A189 913 DOLLAR SUMMARY OF FEDERAL SUPPLY CLASSIFICATION AND
SERVICE CATEGORY BY C. (U) WASHINGTON HEADQUARTERS
SERVICES (DOD) DC DIRECTORATE FOR INF. 1987
UNCLASSIFIED DIOR/ST06-87/PT-1. F/G 15/

DOLLAR SUMMARY OF FEDERAL SUPPLY CLASSIFICATION AND
SERVICE CATEGORY BY C. (U) WASHINGTON HEADQUARTERS
SERVICES (DOD) DC DIRECTORATE FOR INF. 1987
DIOR/ST06-87/PT-1. F/G 15/

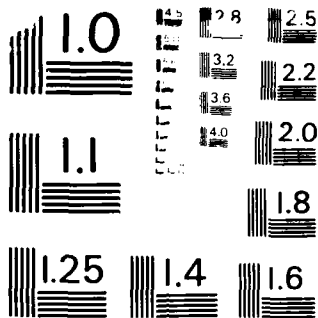
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4

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD96 (CONTINUED)					
	PRC PUBLIC MANAGEMENT SVS	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	2,660
	Q-DOT INC	Colorado	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	45
	R & D ASSOCIATES	California	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	2,573
	RADIATION MONITORING DEVICES	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	495
	RAND CORPORATION	California	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	23,071
	RASOR ASSOCIATES, INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	250
	REKENTHALER TECHNOLOGY ASSOC	Virginia	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	REMTech INC	Alabama	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	243
	RESOURCE INTERNATIONAL INC	Ohio	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	S S G INC	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	47
	S-TRON	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	SAM TECHNOLOGY INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	48
	SAN DIEGO SEMICONDUCTORS INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	250
	SCIENCE & ENGINEERING ASSOC	Washington	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	48
	SCIENCE APPLICATIONS INTL CORP	California	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	5,399
			USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	493
	STATE TOTAL				5,892
	SEMCOR INC	New Jersey	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	185
	SIMULA INC	Arizona	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
			USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	STATE TOTAL				98
	SOFTWARE ARCHITECTURE & ENGRG	Virginia	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	SONALYSTS INC	Conn	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	119
	SOUTHEASTERN CTR ELEC ENG ED	Florida	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	29
		Texas	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	CONTRACTOR TOTAL				78

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AD96 (CONTINUED)					
	SPARTA INC	California	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	65
	SPIRE CORPORATION	Mass	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	185
	SRS TECHNOLOGIES	Alabama	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	STERLING FEDERAL SYSTEMS INC	Maryland	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	69
	SVERDRUP TECHNOLOGY INC	Tennessee	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	473
	SWINEHAR STEVE	New Mexico	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	SYNERGISTIC TECHNOLOGY INC	California	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	SYNETICS CORPORATION	Mass	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	SYSCON CORPORATION	D.C.	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	1,837
		Virginia	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	1,490
	CONTRACTOR TOTAL				3,327
					1,150
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	28
	SYSTEMS CONTROL INC	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	596
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	150
	SYSTEMS TECHNOLOGY/APPLIED RES	Kansas	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	55
	TECHNICAL RESEARCH ASSOCIATES	Utah	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	TECHNOCHEM CO	N Carolina	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	96
	TECHPLAN CORP	California	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	140
	TEXAS INSTRUMENTS INCORPORATED	Texas	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	130
	THERMACORE INC	Penn	ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	49
	TOYON RESEARCH CORP	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
	TRANSDUCER RESEARCH INC	Illinois	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	250
	TRANSFORM INDEX TECHNOLOGY INC	Texas	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	370
	ULTRAMET	California	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	73
	UNITED TECHNOLOGIES CORP	Conn	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	285
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	\$
AD96 (CONTINUED)							
	UNIVERSAL POLYMERS CORPORATION	Texas			USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	48
	UNIVERSITY OF CAL SAN DIEGO	California			USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	333
	VERAC INCORPORATED	California			NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	33
	WADE CURTIS ENGINEERING CORP	California			USAF	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	1,749
	WYVERN RSCH ASSOCIATES, INC	California			NAVY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	250
					ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	50
					ARMY	RDTE/OTHER DEFENSE - MANAGEMENT & SUPPORT	61
	R&D TOTAL						141,051
	AE16 AMERASIA TECHNOLOGY INC	California			NAVY	RDTE/EMPL GROWTH & PRODUCTIVITY-MGMT & SUP	111
	AE22 HUMAN FACTORS APPLICATIONS	Penn			NAVY	RDTE/PRODUCT OR SVC IMPROVEMENT-EXP DEV	48
	AE24 RCA CORPORATION	New Jersey			ARMY	RDTE/PRODUCT OR SVC IMPROVEMENT-ENGR DEV	260
	AE26 AMERICAN HY PERFORM CO	Penn			NAVY	RDTE/PRODUCT OR SVC IMPROVEMENT-MGMT & SUP	52
	DECISION SCIENCE CONSORTIUM	Virginia			ARMY	RDTE/PRODUCT OR SVC IMPROVEMENT-MGMT & SUP	69
	DIALOG SYSTEMS INC	Michigan			NAVY	RDTE/PRODUCT OR SVC IMPROVEMENT-MGMT & SUP	46
	DIGITAL DEV CORPORATION	D.C.			NAVY	RDTE/PRODUCT OR SVC IMPROVEMENT-MGMT & SUP	50
	SSUNNOL INC	Oklahoma			NAVY	RDTE/PRODUCT OR SVC IMPROVEMENT-MGMT & SUP	50
	R&D TOTAL						267
	AE32 MARTIN MARIETTA CORPORATION	Colorado			USAF	RDTE/MANUFACTURING TECHNOLOGY - EXP DEV	1,079
	AE33 FOSTER-MILLER INC	Mass			NAVY	RDTE/MANUFACTURING TECHNOLOGY - ADV DEV	65
	U S DEPARTMENT OF COMMERCE	D.C.			NAVY	RDTE/MANUFACTURING TECHNOLOGY - ADV DEV	3,500
	R&D TOTAL						3,565
	AE35 BABCOCK & WILCOX COMPANY	Virginia			ARMY	RDTE/MANUFACTURING TECHNOLOGY - OP SYS DEV	555
	HARVILL MACHINE INC	California			ARMY	RDTE/MANUFACTURING TECHNOLOGY - OP SYS DEV	168
	MECHANICAL TECHNOLOGY INC	New York			ARMY	RDTE/MANUFACTURING TECHNOLOGY - OP SYS DEV	533
	RAYTHEON COMPANY	Mass			USAF	RDTE/MANUFACTURING TECHNOLOGY - OP SYS DEV	39-

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AE35 (CONTINUED)					
	WESTINGHOUSE ELECTRIC CORP	Penn	ARMY	RDTE/MANUFACTURING TECHNOLOGY - OF SYS DEV	257
R&D TOTAL					1,474
AE36	APPLIED ELEX TECHNOLOGY	California	NAVY	RDTE/MANUFACTURING TECHNOLOGY - MGMT & SUP	93
	HONEYWELL INC	Minnesota	ARMY	RDTE/MANUFACTURING TECHNOLOGY - MGMT & SUP	1,929
	KLEIN ASSOCIATES INC	Ohio	USAF	RDTE/MANUFACTURING TECHNOLOGY - MGMT & SUP	50
	MAXFIELD ASSOCIATES LTD INC	D.C.	NAVY	RDTE/MANUFACTURING TECHNOLOGY - MGMT & SUP	198
	SEES INC	Tennessee	NAVY	RDTE/MANUFACTURING TECHNOLOGY - MGMT & SUP	50
R&D TOTAL					2,320
AE96	GEORGETOWN UNIVERSITY	D.C.	ARMY	RDTE/OTHER ECON GROWTH-PROD - MGMT & SUP	65
AF11	NON PUBLIC EDUCATIONAL SVCS	Mass	ARMY	RDTE/EDUCATION - RESEARCH	30
	STANFORD LELAND JUNIOR UNIV	California	NAVY	RDTE/EDUCATION - RESEARCH	123
	UNIVERSITY OF ROCHESTER	New York	USAF	RDTE/EDUCATION - RESEARCH	47
R&D TOTAL					200
AF15	BLACK HAWK COLLEGE DST #503	Illinois	ARMY	RDTE/EDUCATION - OPER SYSTEMS DEVELOPMENT	37
	COLLEGE OF LAKE COUNTY	Illinois	ARMY	RDTE/EDUCATION - OPER SYSTEMS DEVELOPMENT	91
	UNIVERSITY OF UTAH	Utah	NAVY	RDTE/EDUCATION - OPER SYSTEMS DEVELOPMENT	98
R&D TOTAL					226
AF16	MANTECH INTERNATIONAL CORP	Florida	NAVY	RDTE/EDUCATION - MANAGEMENT & SUPPORT	4,959
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/EDUCATION - MANAGEMENT & SUPPORT	188
R&D TOTAL					5,147
AG11	OTISCA INDUSTRIES LTD	New York	ARMY	RDTE/ENERGY - COAL - RESEARCH	50
AG24	LOCKHEED MISSILES & SPACE CO	California	NAVY	RDTE/ENERGY - GAS - ENGINEERING DEVELOP	750
AG53	INTERNATIONAL BUS MCHS CORP	New York	ARMY	RDTE/ENERGY - NUCLEAR - ADVANCED DEVELOP	6,169
AG63	GEO-CENTERS INC	Mass	USAF	RDTE/ENERGY - PETROLEUM - ADVANCED DEVELOP	125
AG65	RAYTHEON COMPANY	Mass	USAF	RDTE/ENERGY - PETROLEUM - OP SYSTEMS DEV	37

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AG73	NORTHERN POWER SYSTEMS INC	Vermont	NAVY	RDTE/ENERGY - SOLAR - ADVANCED DEVELOPMENT	2,115
AG92	JAYCOR	D.C.	NAVY	RDTE/OTHER ENERGY - EXPLORATORY DEVELOP	334
	NATIONAL ACADEMY OF SCIENCES	D.C.	ARMY	RDTE/OTHER ENERGY - EXPLORATORY DEVELOP	150
	SA-REOSC	FRANCE	NAVY	RDTE/OTHER ENERGY - EXPLORATORY DEVELOP	979
	SCIENCE APPLICATIONS INTL CORP	Virginia	NAVY	RDTE/OTHER ENERGY - EXPLORATORY DEVELOP	776
	TRW INC	California	NAVY	RDTE/OTHER ENERGY - EXPLORATORY DEVELOP	865
	R&D TOTAL				3,104
AG96	MOLTON SALT TECHNOLOGY	Tennessee	USAF	RDTE/OTHER ENERGY - MANAGEMENT & SUPPORT	49
AH11	WESTON, ROY F INC	Penn	ARMY	RDTE/POLLUTION CNTRL & ABATE - RESEARCH	195
AH12	LITTLE ARTHUR D INC	Mass	ARMY	RDTE/POLLUTION CNTRL & ABATE - EXPLOR DEV	2,501
	WESTON, ROY F INC	Penn	ARMY	RDTE/POLLUTION CNTRL & ABATE - EXPLOR DEV	945
	R&D TOTAL				3,446
AH14	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/POLLUTION CNTRL & ABATE - ENGR DEV	1,202
	ICF INCORPORATED	D.C.	USAF	RDTE/POLLUTION CNTRL & ABATE - ENGR DEV	1,638
	RADIAN CORPORATION	Texas	USAF	RDTE/POLLUTION CNTRL & ABATE - ENGR DEV	139
	R&D TOTAL				2,979
AH21	BATTELLE MEMORIAL INSTITUTE	Ohio	USAF	RDTE/AIR POLLUTION - RESEARCH	971
	BRIGHAM YOUNG UNIVERSITY	Utah	ARMY	RDTE/AIR POLLUTION - RESEARCH	103
	GENERAL PHYSICS CORPORATION	New Jersey	ARMY	RDTE/AIR POLLUTION - RESEARCH	56
	R&D TOTAL				1,130
AH31	MDA ENGINEERING	Texas	USAF	RDTE/WATER POLLUTION - RESEARCH	43
AH32	CORNELL UNIVERSITY	New York	USAF	RDTE/WATER POLLUTION - EXPLORATORY DEVELOP	97
	FOSTER-MILLER INC	Mass	ARMY	RDTE/WATER POLLUTION - EXPLORATORY DEVELOP	148
		USAF		RDTE/WATER POLLUTION - EXPLORATORY DEVELOP	122
	STATE TOTAL				270
	LOUISIANA STATE UNIVERSITY	Louisiana	USAF	RDTE/WATER POLLUTION - EXPLORATORY DEVELOP	94

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AH32 (CONTINUED)					
	TEXAS RESEARCH INSTITUTE INC	Texas	USAF	RDTE/WATER POLLUTION - EXPLORATORY DEVELOP	\$ 115
R&D TOTAL					576
AH33	COMPUTER SCIENCES CORPORATION	California	NAVY	RDTE/WATER POLLUTION - ADVANCED DEVELOP	175
	MAXWELL LABORATORIES INC	California	USAF	RDTE/WATER POLLUTION - ADVANCED DEVELOP	100
	VACCO INDUSTRIES	Mass	USAF	RDTE/WATER POLLUTION - ADVANCED DEVELOP	50
R&D TOTAL					325
AH34	COMPUTER SCIENCES CORPORATION	California	NAVY	RDTE/WATER POLLUTION - ENGINEERING DEVELOP	223
	ORINCON CORPORATION	California	NAVY	RDTE/WATER POLLUTION - ENGINEERING DEVELOP	201
R&D TOTAL					424
AH44	TRACOR APPLIED SCIENCES INC	Texas	NAVY	RDTE/NOISE POLLUTION - ENGINEERING DEVELOP	60
AH46	TRACOR APPLIED SCIENCES INC	Texas	NAVY	RDTE/NOISE POLLUTION - MGMT & SUPPORT	66
AH51	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/OTHER POLLUTION - RESEARCH	266
AH52	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/OTHER POLLUTION - EXPLORATORY DEVELOP	242
	CORNELL UNIVERSITY	New York	USAF	RDTE/OTHER POLLUTION - EXPLORATORY DEVELOP	96
R&D TOTAL					338
AH91	ABEL COMPANY	Virginia	USAF	RDTE/OTHER ENVIRONMENT - RESEARCH	52
	ANCO ENGINEERS INC	California	ARMY	RDTE/OTHER ENVIRONMENT - RESEARCH	49
	MEMBRANE TECHNOLOGY & RES	California	USAF	RDTE/OTHER ENVIRONMENT - RESEARCH	136
	UNIVERSITY OF BRISTOL	UNITED KIN	ARMY	RDTE/OTHER ENVIRONMENT - RESEARCH	40
R&D TOTAL					277
AH92	DESIGN THREE INC	Maryland	ARMY	RDTE/OTHER ENVIRONMENT - EXPLORATORY DEV	41
AH93	DYNAMAC INTERNATIONAL INC	Florida	USAF	RDTE/OTHER ENVIRONMENT - ADVANCED DEVELOP	435
	E A ENGRG SCIENCE & TECHNOLOGY	Florida	USAF	RDTE/OTHER ENVIRONMENT - ADVANCED DEVELOP	583
	GA TECHNOLOGIES INC	California	ARMY	RDTE/OTHER ENVIRONMENT - ADVANCED DEVELOP	7,426
	GEORGIA STATE OF	Georgia	NAVY	RDTE/OTHER ENVIRONMENT - ADVANCED DEVELOP	45

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
	R&D TOTAL				
AH94	TETRA TECH INC	California	USAF	RDTE/OTHER ENVIRONMENT - ENGINEERING DEV	8,489
	URS BERGER	California	USAF	RDTE/OTHER ENVIRONMENT - ENGINEERING DEV	7,430
	R&D TOTAL				176-
					7,254
AJ11	A T & T TECHNOLOGIES INC	New Jersey	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	147
	ADVANCED MATERIALS CORP	Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	75
	AERODYNE RESEARCH INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	85
	AEROMETRICS INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	45
	AIRBORNE RESEARCH ASSOCIATES	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	110
	AIRSPACE TECHNOLOGY CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	47
	ALABAMA CRYOGENIC ENGINEERING	Alabama	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	49
	AMERICAN SCIENCE & ENGRG	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	49
	AMPTK INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	201
	ANALYSIS & COMPUTER SYSTEMS	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	48
	APPLIED MICROWAVE PLSM CNCPIS	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	35
	APPLIED PHYSICS INC	New Mexico	ARMY	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	APPLIED RESEARCH ASSOCIATES	New Mexico	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	115
		Vermont	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	65
	CONTRACTOR TOTAL				180
	ARIZONA STATE UNIVERSITY	Arizona	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	66
	ATLAN-TECH INC	Georgia	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	ATMOSPHERIC ENVIRONMENTAL RES	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	543
	ATMOSPHERIC RADIATION CONS	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	128
	ATMOSPHERIC STMLATERS TSTG RES	Colorado	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	26
	AVCO CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	34
	BABCOCK & WILCOX COMPANY	Virginia	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	47

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
AJ11 (CONTINUED)					
	BATTELLE MEMORIAL INSTITUTE	Ohio	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	\$ 79
	BDM CORPORATION	Virginia	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	1,152
	BERKELEY RESEARCH ASSOCIATES	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	39
		Virginia	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	70
	CONTRACTOR TOTAL				109
	BOEING COMPANY THE	Washington	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	228
	BOSTON COLLEGE	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	118
	BOSTON UNIVERSITY	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	1,087
	BROWN UNIV PRV ST RI PLAN	Rhode Isld	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	650
	CALIFORNIA INST OF TECHNOLOGY	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	450
	CALSPAN CORPORATION	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	206
	CAMBRIDGE RES INSTRUMENTATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	48
	CARNEGIE-MELLON UNIVERSITY	Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	1,112
	CATHOLIC UNIVERSITY OF AMER	D.C.	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	CELCO INDUSTRIES INC	New Jersey	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	975
	CERAMPHYSICS INC	Ohio	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	106
	CHASE CONSULTANTS INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	237
	CITY OF HOPE	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	106
	CLARKSON UNIVERSITY	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	262
	COLORADO STATE UNIVERSITY	Colorado	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	463
	COLUMBIA UNIVERSITY	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	69
	CONTRACTOR TOTAL	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	360
	COMPUTATIONAL MECHANICS	Texas	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	429
	CONTROL DATA CORPORATION	Minnesota	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	114
					110

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AJ11 (CONTINUED)					
	CORNELL UNIVERSITY	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	\$ 1,416
	CREATIVE OPTICS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	29
	CYBER COM CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	49
	DARTMOUTH COLLEGE	N.H.	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	70
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	133
	STATE TOTAL				203
	DESIGN CIRCUITS, INC	Mass	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	545
	DOVE ELECTRONICS INC	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	80
	DOW CHEMICAL COMPANY, THE	Michigan	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	775
	DYNA EAST CORPORATION	Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	489
	E E G SYSTEMS LABORATORY, INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	157
	E-TEK DYNAMICS INC	Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	45
	EATON CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	45
		New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	225
	CONTRACTOR TOTAL				270
	EMMANUEL COLLEGE	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	832
	ENERGY COMPRESSION RESEARCH	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	45
	ENGINEERING & ECONOMICS RES	Virginia	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	EOTEC CORPORATION	Conn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	375
	FAIRCHILD AIRCRAFT CORPORATION	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	330
	FAIRCHILD INDUSTRIES INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	275
	FLAM & RUSSELL INC	Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	49
	FLORIDA STATE UNIVERSITY	Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	268
	FLOW INDUSTRIES INC	Washington	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	143
	FLUID SCIENCES INC	Penn	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	49

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AJ11 (CONTINUED)

FORD ARSPACE COMMUNICATIONS CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	\$	92
FRANKLIN INSTITUTE, THE	Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		30
G T E LABORATORIES INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		163
G. T. DEVICES, INC	Virginia	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		94
GA TECHNOLOGIES INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		206
GENERAL DYNAMICS CORPORATION	Texas	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		97
GENERAL ELECTRIC COMPANY	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		118
GEO-CENTERS INC	D.C.	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		44
	Mass	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		1,502
CONTRACTOR TOTAL					1,546
GEORGE WASHINGTON UNIVERSITY	D.C.	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		50
GEORGETOWN UNIVERSITY	D.C.	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		107
GEORGIA INSTITUTE TECHNOLOGY	Georgia	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		256
GRUMMAN AEROSPACE CORPORATION	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		180
GT-TECH INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		55
HARRIS CORPORATION	Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		209
HARVARD COLLEGE	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		185
HONEYWELL INC	Minnesota	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		548
HUBB SYSTEMS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		45
HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		671
I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		841
IMPERIAL COLLEGE OF SCIENCE &	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		308
INDIANA UNIVERSITY	Indiana	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		61
INSTITUTE FOR SYSTEMS ANALYST	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		314
INTEGRATED SYSTEMS, INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		112

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AJ11 (CONTINUED)

JAYCOR	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	\$	75
	Virginia	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		1,007
					1,082
CONTRACTOR TOTAL					
JOHNS HOPKINS UNIVERSITY	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		109
KESTREL INSTITUTE	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		164
LA JOLLA INSTITUTE	California	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		327
LASER PHOTONICS INC	Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		48
LASERTRON INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		49
LEHIGH UNIVERSITY	Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		238
LIGHTWAVE ELECTRONICS CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		47
LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		100
	New Mexico	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		70
					170
CONTRACTOR TOTAL					
LOWELL OBSERVATORY	Arizona	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		29
M M R TECHNOLOGIES, INC	California	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		50
MAN LABS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		126
MARTIN MARIETTA CORPORATION	Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		181
	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		129
					310
CONTRACTOR TOTAL					
MASSACHUSETTS INST OF TECHNOLOGY	D.C.	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		3,318
	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		160
MASSACHUSETTS MANUFACTURING	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		129
MAXWELL LABORATORIES INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		361
MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		202
	Missouri	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ11 (CONTINUED)					
	CONTRACTOR TOTAL				
	MCMASTER UNIVERSITY	CANADA	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	563
	MCR TECHNOLOGY CORP	Illinois	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	70
	MESOSCALE ENVIRONMENTAL	Virginia	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	MICRO COATINGS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	75
	MICROWAVE MONOLITHICS INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	200
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	47
		N.H.	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	437
	CONTRACTOR TOTAL				100
	MORTON THIOKOL INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	537
	NATIONAL ACADEMY OF SCIENCES	D.C.	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	32
	NEW YORK UNIVERSITY	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	656
	NICHOLS RESEARCH CORPORATION	Alabama	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	973
	NIELSEN ENGINEERING AND RES	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	NORTH CAROLINA STATE UNIV	N Carolina	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	82
	NORTHEASTERN UNIVERSITY CORP	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	228
	NORTHWEST RESEARCH ASSOCIATES	Washington	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	550
	NORTHWESTERN UNIVERSITY	Illinois	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	44
	NOVA PHARMACEUTICALS CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	156
	NOVA UNIVERSITY INC	Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	60
	ONTAR CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	OPTRA INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	40
	OPTRON SYSTEMS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	47
	ORTEL CORPORATION	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	104
	PACIFIC SIERRA RESEARCH CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	201
					245

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
AJ11 (CONTINUED)					
	PANAMETRICS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	33
	PARKE MATHEMATICAL LABS	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	209
	PEDA CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	85
	PENNSYLVANIA STATE UNIV	Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	483
	PHILADELPHIA COLLEGE TEX SCI	Penn	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	33
	PHOTO METRIC INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	210
	PHYSICAL DYNAMICS INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	904
		Washington	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	168
	CONTRACTOR TOTAL				1,072
	PHYSICAL SCIENCES INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	868
	PHYSICON INC	Alabama	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	PLASMA PHYSICS CORP	New York	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	49
	PLESSEY RESEACH CASWELL LTD	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	80
	POLYTECHNIC UNIV OF NEW YORK	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	702
	POTOMAC PHOTONICS INC	D.C.	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	245
	PRINCETON UNIVERSITY	New Jersey	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	950
	PURDUE UNIVERSITY	Indiana	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	201
		USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	522	
	STATE TOTAL				723
	R & D ASSOCIATES	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	137
	RANDON APPLICATIONS INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	30
	REGIS COLLEGE	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	28
	RENSSELAER POLYTECHNIC INST	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	105
	RESEARCH TRIANGLE INSTITUTE	N Carolina	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	78
	RESOURCE MANAGEMENT ASSOC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	160

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ11 (CONTINUED)					
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	1,387
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	199
	SCHWARTZ ELECTRO-OPTICS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	45
	SCIENCE & TECHNOLOGY CORP	New Mexico	ARMY	RDTE/GEN SCIENCES & TECH - RESEARCH	165
	SCIENCE APPLICATIONS INTL CORP	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	290
		Virginia	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	33
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	34
				STATE TOTAL	67
	CONTRACTOR TOTAL				357
	SCIENTIFIC RESEARCH ASSOC	Conn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	50
	SMITHSONIAN INSTITUTION	Mass	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	326
	SOUTHEASTERN CTR ELEC ENG ED	Florida	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	130
	SOUTHERN METHODIST UNIVERSITY	Texas	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	150
	SOUTHWEST RESEARCH INSTITUTE	Texas	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	59
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	471
				STATE TOTAL	530
	SPECTRAL SCIENCES INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	135
	SPECTRON DEVELOPMENT LABS	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	99
	SPECTRUM 39 LTD	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	44
	SRI INTERNATIONAL	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	2,561
	ST LOUIS UNIVERSITY	Missouri	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	160
	STANFORD LELAND JUNIOR UNIV	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	9,423
	STATE UNIVERSITY OF NEW YORK	New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	629
	SYSTEMS ENGINEERING INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	93
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	70
	T S C INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	95

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
AJ11 (CONTINUED)					
	TACAN CORPORATION	California	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	\$ 500
	TECHNIGLA UNIVERSITY OF MUNICH	GERMANY, F	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	65
	TECHNOLOGY & MGT SYSTEMS	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	87
	TEXAS A & M UNIVERSITY SYSTEM	Texas	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	75
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	552
					627
					599
	TEXAS TECH UNIVERSITY	Texas	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	40
	TOOMAY MATHIS & ASSOCIATES,	Montana	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	563
	TRW INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	48
	ULTRAMET	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	80
	ULTRASYSTEMS INCORPORATED	Texas	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	813
	UNITED TECHNOLOGIES CORP	Conn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	85
		Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	898
					5,382
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	159
	UNIVERSITIES SPACE RES ASSN	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	140
	UNIVERSITY OF AKRON THE	Ohio	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	77
	UNIVERSITY OF ALASKA	Alaska	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	2,249
	UNIVERSITY OF ARIZONA	Arizona	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	2,483
	UNIVERSITY OF CALIFORNIA	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	250
	UNIVERSITY OF CINCINNATI	Ohio	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	407
	UNIVERSITY OF COLORADO	Colorado	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	107
	UNIVERSITY OF CONNECTICUT	Conn	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	95
	UNIVERSITY OF DAYTON	Arizona	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	161
		Ohio	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AJ11 (CONTINUED)

UNIVERSITY OF DENVER	CONTRACTOR TOTAL				\$	256
UNIVERSITY OF FLORIDA		Colorado	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		165
UNIVERSITY OF HOUSTON SYSTEM		Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		665
UNIVERSITY OF ILLINOIS		Texas	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		60
UNIVERSITY OF IOWA THE		Illinois	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		2,858
UNIVERSITY OF LOWELL		Iowa	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		175
UNIVERSITY OF MARYLAND		Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		90
		Maryland	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		105
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		381
	STATE TOTAL					486
UNIVERSITY OF MASSACHUSETTS		Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		2,690
UNIVERSITY OF MICHIGAN		Michigan	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		232
UNIVERSITY OF MINNESOTA		Minnesota	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		102
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		200
	STATE TOTAL					302
UNIVERSITY OF NEBRASKA		Nebraska	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		139
UNIVERSITY OF NEVADA SYSTEM		Nevada	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		50
UNIVERSITY OF NEW MEXICO		New Mexico	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		1,634
UNIVERSITY OF NORTH CAROLINA		N Carolina	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		532
UNIVERSITY OF OREGON		Oregon	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		156
UNIVERSITY OF PENNSYLVANIA		Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		565
UNIVERSITY OF PITTSBURGH		Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		200
UNIVERSITY OF ROCHESTER		New York	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH		300
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		950
	STATE TOTAL					1,250
UNIVERSITY OF SOUTHERN CALIF		California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH		3,425

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ11 (CONTINUED)					
	UNIVERSITY OF TEXAS SYSTEM	Texas	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	765
	UNIVERSITY OF UTAH	Utah	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	64
	UNIVERSITY OF VIRGINIA	Virginia	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	100
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	58
	STATE TOTAL				158
	UNIVERSITY OF WEST FLORIDA	Florida	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	41
	UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	133
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	269
	STATE TOTAL				402
	VANDERBILT UNIVERSITY THE	Tennessee	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	148
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	900
	STATE TOTAL				1,048
	VERAC INCORPORATED	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	166
	VIRGINIA PLYTHNIC INST/ST UNI	Virginia	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	250
	VISIDYNE INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	1,372
	WALLACE T H INC	Florida	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	537
	WEA	Mass	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	63
	WEIDLINGER ASSOCIATES INC	California	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	114
		New York	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	216
	CONTRACTOR TOTAL				330
	WESTINGHOUSE ELECTRIC CORP	Maryland	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	50
		Penn	USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	646
	CONTRACTOR TOTAL				696
	YALE UNIVERSITY	Conn	NAVY	RDTE/GEN SCIENCES & TECH - RESEARCH	165
			USAF	RDTE/GEN SCIENCES & TECH - RESEARCH	326
	STATE TOTAL				491
	R&D TOTAL				94,836

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ12	A/G TECHNOLOGY CORP	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	AEROMETRICS INC	California	ARMY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	203
	ANALYTIC SERVICES INC	Virginia	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	655
	APPLIED SOLAR ENERGY CORP	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	100
	ARCON CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	281
	ATMOSPHERIC ENVIRONMENTAL RES	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	AVCO CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	523
	BALL CORPORATION	Colorado	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	187
	BDM CORPORATION	Virginia	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	676
	BEDFORD RESEARCH ASSOCIATES	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	62
	BOSTON COLLEGE	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	92
	BOSTON UNIVERSITY	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	1,242
	BREUER & ASSOCIATES	California	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	45
	CALIFORNIA INST OF TECHNOLOGY	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	180
	CALIFORNIA URBAN INDIAN HEALTH	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	522
	CANADIAN COMMERCIAL CORPORATN	CANADA	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	317
	CERAMATEC INC	Utah	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	297
	CIM SYSTEMS	Texas	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	46
	COLORADO STATE UNIVERSITY	Colorado	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	72
	DISPLAYTECH INC	Colorado	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	450
	EASTMAN KODAK COMPANY	New York	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	114
	ECLECTECH ASSOCIATES	Tennessee	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	ELECTROMAGNETIC SCIENCES INC	Georgia	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	299
	EXPERT SYSTEMS ENGINEERS INC	Texas	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	FLAM & RUSSELL INC	New York	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	91
	FOSTER-MILLER INC	Mass	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	51

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ12 (CONTINUED)					
	FREQUENCY & TIME SYSTEMS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	72
	FREQUENCY ELECTRONICS INC	New York	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	227
	GALAXY MICROSYSTEMS, INC	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	539
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	808
	GENERAL ELECTRIC COMPANY	New York	NAVY USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	218 40
STATE TOTAL					258
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	310
	GORDON ASSOCIATES	Mass	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	52
	H & H AEROSPACE DESIGN INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	192
	HARRIS CORPORATION	Florida	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	138
	HITTITE MICROWAVE CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	58
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	879
	IMPERIAL COLLEGE OF SCIENCE &	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	150
	INDUSTRIAL RESEARCH	NORWAY	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	455
	INFORMATION SYSTEMS NTRKS CORP	Ohio	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	45
	INTERNATIONAL MICRO INDUSTS	New Jersey	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	INTERNATIONAL SYSTEMS SVCS CORP	New York	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	46
	KASK LABS	Arizona	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	49
	LICA SYSTEMS INC	Virginia	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	282
	LTV AEROSPACE & DEFENSE CO	Texas	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	393
	MAN LABS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	78
	MARTIN MARIETTA CORPORATION	Maryland	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	116
	MASSACHSETTS TECHNOLOGICAL LAB	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	235
	MASSACHSTTS INST OF TECHNOLOGY	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	310

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ12 (CONTINUED)					
	MATERIALS SCIENCE CORP	Penn	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	100
	MAXWELL LABORATORIES INC	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	791
	MAYFLOWER COMMUNICATION CO	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	71
	MC CRONE ASSOCIATES INC	Illinois	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	40
	MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	117
		Missouri	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	127
		Texas	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	300
	CONTRACTOR TOTAL				544
	METAMATIX INC	California	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	49
	MILLIMETER WAVE TECHNOLOGY	Georgia	ARMY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	133
	MISSION RESEARCH CORPORATION	N.H.	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	103
	MURDOCK INC	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	51
	NEW MEXICO STATE UNIVERSITY	New Mexico	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	80-
	NEW YORK UNIVERSITY	New York	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	NORTHEASTERN UNIVERSITY CORP	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	364
	NU TECH	Maryland	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	OHIO STATE UNIVERSITY	Ohio	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	33
			USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	150
	STATE TOTAL				183
	OPTIMETRICS INC	Michigan	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	280
	PANAMETRICS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	118
	PENNSYLVANIA STATE UNIV	Penn	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	80
	PHOTO METRIC INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	197
	PHYSICAL SCIENCES INC	Mass	ARMY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	128
	PORTSMOUTH POLYTECHNIC MUSEUM	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	31

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AJ12 (CONTINUED)					
	PRINCETON UNIVERSITY	New Jersey	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	62
	R D P INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	835
	RA ASSOC	Oregon	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	45
	RADANT SYSTEMS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	125
	RAYTHEON COMPANY	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	623
		Rhode Islid	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	575
	CONTRACTOR TOTAL				1,198
	RCA CORPORATION	New Jersey	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	47
	REGIS COLLEGE	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	485
	RESEARCH & DATA SYSTEMS INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	100
	RETICON CORPORATION	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	31
	RICE WILLIAM MARSH UNIVERSITY	Texas	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	140
	RMS TECHNOLOGIES INCORPORATED	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	359
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	121
	ROYAL NORWEGIAN COUNCIL SCI	NORWAY	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	1,003
	S S G INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	200
	SACHS FREEMAN ASSOCIATES INC	D C	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	352
	SCHWARTZ ELECTRO-OPTICS INC	Florida	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	255
	SCIENCE APPLICATIONS INTL CORP	California	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	160
			USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	575
	STATE TOTAL				735
	SCOPE INCORPORATED	Virginia	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	356
	SENSIS CORPORATION	New York	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	202
	SILICON CONNECTION INC	Texas	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	49
	SINGER COMPANY THE	New Jersey	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	104

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AJ12 (CONTINUED)

SOUTHEASTERN CTR ELEC ENG ED	Florida	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	\$ 110
	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	755
CONTRACTOR TOTAL				865
SOUTHWEST SCIENCES INC	New Mexico	ARMY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
SPACE DATA CORPORATION	Arizona	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	55
SPARTA INC	California	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	49
SPECTRAL SCIENCES INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	125
SPERRY CORPORATION	New York	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	224
SRI INTERNATIONAL	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	608
SYSTEMS & APPLIED SCIENCES	Maryland	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	871
SYSTEMS INTEGRATION ENGINEER	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	126
SYSTRAN CORP	Ohio	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
TANG C B INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	167
TECHNICAL UNIVERSITY OF MUNICH	GERMANY, F	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	40
TEKNICON	S Carolina	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	49
TEXAS A & M UNIVERSITY SYSTEM	Texas	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	100
TRW INC	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	181
ULTRAMET	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	48
UNITED TECHNOLOGIES CORP	Conn	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	350
UNIVERSITY OF ALASKA	Alaska	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	371
UNIVERSITY OF CALIFORNIA	California	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	657
UNIVERSITY OF DAYTON	Arizona	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	1,761
UNIVERSITY OF FLORIDA	Florida	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	385
UNIVERSITY OF LOWELL	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	138
UNIVERSITY OF MARYLAND	Maryland	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	310

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ12 (CONTINUED)					
	UNIVERSITY OF NOTTINGHAM	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	32
	UNIVERSITY OF TEXAS SYSTEM	Texas	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	30
	UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	77
	UPDATE RESEARCH & DEVELOPMENT	California	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	50
	UTAH STATE UNIVERSITY	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	4,216
		Utah	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	8,410
	CONTRACTOR TOTAL				12,626
	VISIDYNE INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	409
	WENTWORTH INST OF TECHNOLOGY	Mass	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	1,693
	WESTINGHOUSE ELECTRIC CORP	Maryland	USAF	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	523
	X2 Y2	California	NAVY	RDTE/GEN SCIENCES & TECH - EXPLORATORY DEV	535
	R&D TOTAL				46,139
	AJ13 A I TECHNOLOGY INC	New Jersey	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	50
	ADVANCED METALWORKING PRACTCS	Indiana	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	50
	AERODYNE RESEARCH INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	34
	AMERICAN INST RSRCH BEHAV SCI	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	45
	ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	115
	ANALYTYX ELECTRONIC SYSTEMS.	N.H.	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	510
	ANDREWS & SCHOFIELD ASSOCIATES	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	46
	ARCO POWER TECHNOLOGY	D.C.	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	237
	ARCON CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	745
	AUSTIN RESEARCH ASSOCIATES	Texas	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	301
	BOEING COMPANY THE	Washington	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	484
	CANADIAN COMMERCIAL CORPORATN	CANADA	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	500
	CELCO INDUSTRIES INC	New Jersey	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	160

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION		
AJ13 (CONTINUED)						
	CONCEPT ANALYSIS CORPORATION	Michigan	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	\$	50
	CORNELL UNIVERSITY	New York	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		139
	CULHAM LABORATORY	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		1,500
	DECISION-SCIENCE APPLICATIONS	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		44
	DIGITAL RADIO CORP	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		71
	DWA COMPOSITE SPECIALTIES INC	California	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		100
	DYNAMET TECHNOLOGY INC	Mass	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		48
	DYNATHERM CORPORATION	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		53
	ELDEC CORPORATION	Washington	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		144
	ELECTRIC PROPULSION LABS INC	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		48
	ELECTROMAGNETIC SCIENCES INC	Georgia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		143
	FLOWDRILL CORP	Washington	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		50
	FOSTER-MILLER INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		112
	G. T. DEVICES, INC	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		50
	GELTECH INC	Florida	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		1,140
	GENERAL RESEARCH CORPORATION	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		45
	GENERAL TECHNOLOGY INC	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		197
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		52
	GOULD INC	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		186
	H & H AEROSPACE DESIGN INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		136
	H S S INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		8
	HARRIS CORPORATION	Florida	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		123
	HAYES INTERNATIONAL CORP	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		596
	HITTITE MICROWAVE CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		212
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		1,209

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ13 (CONTINUED)					
	HYPRES, INC	New York	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	200
	INFOTEC DEVELOPMENT INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	608
	INNOVATIVE SCIENCES INC	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	50
	ITT CORPORATION	New Jersey	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	231
	J & D SCIENTIFIC INC	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	50
	JOHNS HOPKINS UNIVERSITY	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	61
	LASER SCIENCE, INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	37
	LOCKHEED CORPORATION	Georgia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	200
	MATERIAL CONCEPTS INC	Ohio	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	48
	MATERIALS SCIENCE CORP	Penn	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	50
	MC DONNELL DOUGLAS CORPORATION	Texas	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	1,473
	MICROEXPERT SYSTEMS INC	California	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	50
	MURDOCK INC	California	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	49
	N K F ENGINEERING ASSOCIATES	Virginia	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	397
	NATIONAL CENTRE TRIBOLOGY	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	180
	NORTHEASTERN UNIVERSITY CORP	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	1,249
	OPERATIONAL TECHNOLOGIES CORP	Texas	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	485
	OPTICAL TECHNOLOGIES INC	W Virginia	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	326
	OWENS-CORNING FIBERGLAS CORP	Ohio	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	1,192
	PHOTON RESEARCH ASSOCIATES INC	New York	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	50
	R & D ASSOCIATES	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	170
	RASOR ASSOCIATES, INC	California	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	73
	RAYTHEON COMPANY	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	507
	RMS TECHNOLOGIES INCORPORATED	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	226
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	300

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ13 (CONTINUED)					
	S T C PLACE DEFENSE SYSTEM DIV	UNITED KIN	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	60
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	120
	SCIENCE APPLICATIONS INTL CORP	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	250
	SOUTHEASTERN CTR ELEC ENG ED	Florida	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	70
	SPACE TECH CORP	Colorado	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	349
	SPARTA INC	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	384
	SPINFORM INDUSTRIES INC	California	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	67
	SRI INTERNATIONAL	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	80
	STANFORD LELAND JUNIOR UNIV	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	182
	STATE UNIVERSITY OF NEW YORK	New York	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	110
	SYSTEMS & APPLIED SCIENCES	Maryland	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	809
		Ohio	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	1,345
		Virginia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	935
	CONTRACTOR TOTAL				3,089
	SYSTEMS ENGINEERING INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	85
	SYSTEMS INTEGRATION ENGINEER	Mass	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	689
	TEXAS A & M UNIVERSITY SYSTEM	Texas	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	285
	TEXTRON INC	New York	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	998
	THERMACORE INC	Penn	NAVY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	50
	TRI-TECH INC	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	42
	UNITED KINGDOM AUTOMIC	UNITED KIN	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	2,845
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	2,928
	UNIVERSITY OF ARIZONA	Arizona	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	614
	UNIVERSITY OF CAL SAN DIEGO	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	200
	UNIVERSITY OF CALIFORNIA	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	335

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AJ13 (CONTINUED)

UNIVERSITY OF MICHIGAN	Michigan	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV	\$	352
UNIVERSITY OF NEW MEXICO	New Mexico	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		30
UNIVERSITY OF PITTSBURGH	Penn	ARMY	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		30
UNIVERSITY OF SOUTHERN CALIF	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		225
UNIVERSITY OF TENNESSEE	Tennessee	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		717
UNIVERSITY OF WASHINGTON	Washington	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		111
VERAC INCORPORATED	California	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		215
	Texas	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		543
CONTRACTOR TOTAL					758
VIRGINIA PLYTHNIC INST/ST UNI	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		123
WAYNE STATE UNIVERSITY	Michigan	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		58
WESTINGHOUSE ELECTRIC CORP	Penn	USAF	RDTE/GEN SCIENCES & TECH - ADVANCED DEV		125
R&D TOTAL					34,356
AJ14 AERODYNE RESEARCH INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		570
ANALYTIC SERVICES INC	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		15,896
H & H AEROSPACE DESIGN INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		58
HARRIS CORPORATION	Florida	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		29
HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		606
LEHRER-PEARSON INC	California	NAVY	RDTE/GEN SCIENCES & TECH - ENGR DEV		529
MC DONNELL DOUGLAS CORPORATION	Texas	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		408
NATIONAL SECURITY RESEARCH	Virginia	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		596
RELIABILITY SCIENCES INC	Virginia	NAVY	RDTE/GEN SCIENCES & TECH - ENGR DEV		40
ROSENBAUM HAROLD ASSOCIATES	Mass	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		41
SCIENCE APPLICATIONS INTL CORP	California	NAVY	RDTE/GEN SCIENCES & TECH - ENGR DEV		250
SINGER COMPANY THE	Arizona	USAF	RDTE/GEN SCIENCES & TECH - ENGR DEV		2,653

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION			
AJ14 (CONTINUED)							
	SOUTHEASTERN CTR ELEC ENG ED	Florida	NAVY	RDTE/GEN SCIENCES & TECH - ENGR DEV		\$	92
	R&D TOTAL						21,768
AJ15	FREQUENCY ELECTRONICS INC	New York	USAF	RDTE/GEN SCIENCES & TECH - OP SYSTEMS DEV			125
	ITEK CORPORATION	Mass	USAF	RDTE/GEN SCIENCES & TECH - OP SYSTEMS DEV			1,126
	POTOMAC PHOTONICS INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - OP SYSTEMS DEV			49
	SIGNATRON INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - OP SYSTEMS DEV			96
	SRI INTERNATIONAL	California	USAF	RDTE/GEN SCIENCES & TECH - OP SYSTEMS DEV			4,136
	STOW COMPUTER	Mass	NAVY	RDTE/GEN SCIENCES & TECH - OP SYSTEMS DEV			51
	UNIVERSITY OF SOUTH FLORIDA	Florida	NAVY	RDTE/GEN SCIENCES & TECH - OP SYSTEMS DEV			30
	UNIVERSITY OF TEXAS SYSTEM	Texas	USAF	RDTE/GEN SCIENCES & TECH - OP SYSTEMS DEV			228
	R&D TOTAL						5,841
AJ16	AERODYNE RESEARCH INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			124
	AMPTK INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			264
	ARITHMETIKA INC	New York	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			50
	BUSINESS TECHNOLOGICAL SYSTEMS	Maryland	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			53
	CLARK SHARON ASSOC INC	California	NAVY	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			49
	CRYSTALLUME	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			50
	EIDETICS INTERNATIONAL, INC	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			417
	ESSEX CORPORATION	Virginia	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			224
	EVANS, CHARLES & ASSOCIATES,	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			2,377
	FOSTER-MILLER INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			568
	GELTECH INC	Florida	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			49
	GENERAL ANALY TIC CORP	Georgia	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			50
	HOKENSON COMPANY THE	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			47
	HYPRES, INC	New York	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT			121

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AJ16 (CONTINUED)					
	I S I GROUP INC	New Mexico	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	61
	INTELLIGENT SIGNAL PROCESSING	Texas	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	50
	INTERSPEC INC	Penn	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	48
	LIGHT SPEED TECHNOLOGIES	Alabama	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	408
	M S D A ASSOCIATES	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	41
	MAXWELL LABORATORIES INC	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	160
	MICROWAVE MONOLITHICS INC	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	284
	NORTH STAR RESEARCH INC	New York	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	35
	PACIFIC WESTERN SERVICES INC	Washington	NAVY	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	138
	RAND CORPORATION	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	20,198
	ROBOCOM SYSTEMS INC	New York	NAVY	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	43
	SAM TECHNOLOGY INC	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	48
	SCIENTIFIC RESEARCH ASSOC	Conn	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	113
	SCIENTIFIC SYSTEMS INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	113
	SECURITY VENTURES CORPORATION	California	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	656
	SENSOR DATA INTERGRATION INC	Mass	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	50
	STATCON INC	Maryland	USAF	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	56
	STRATEGIC FINANCIAL PLANNING	Virginia	NAVY	RDTE/GEN SCIENCES & TECH - MGMT & SUPPORT	25
	R&D TOTAL				26,970
AM15	UNIVERSITY OF NEW MEXICO	New Mexico	ARMY	RDTE/INTL AFFAIRS & COOPERATION-OP SYS DEV	119
AN11	SCIENCE APPLICATIONS INTL CORP	California	NAVY	RDTE/BIOMEDICAL - RESEARCH	110
	STANFORD LELAND JUNIOR UNIV	California	NAVY	RDTE/BIOMEDICAL - RESEARCH	40-
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/BIOMEDICAL - RESEARCH	28
	R&D TOTAL				98
AN12	ANTHROPOLOGY RESEARCH PROJECT	Ohio	ARMY	RDTE/BIOMEDICAL - EXPLORATORY DEVELOPMENT	1,490

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AN12 (CONTINUED)					
JAYCOR		Virginia	USAF	RDTE/BIOMEDICAL - EXPLORATORY DEVELOPMENT	\$ 245
R&D TOTAL					1,735
AN13	LITTLE ARTHUR D INC	Mass	USAF	RDTE/BIOMEDICAL - ADVANCED DEVELOPMENT	110
AN51	HUMAN AFFAIRS INTERNATIONAL	Utah	ARMY	RDTE/MENTAL HEALTH - RESEARCH	904
AN71	UNIVERSITY OF NORTH CAROLINA	N Carolina	NAVY	RDTE/SPECIALIZED MED SVCS - RESEARCH	100
AN91	ADELSYS INC	Ohio	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	ANALYTICAL LUMINESCENCE LAB	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	46
	AUTOMATED DIAGNOSTIC SYSTEMS	Virginia	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	AVERETTE ROBERT D & CO INC	D.C.	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/OTHER MEDICAL - RESEARCH	672
	BIO ELECTRONICS	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	249
	BIO METRIC SYSTEMS INC	Minnesota	ARMY	RDTE/OTHER MEDICAL - RESEARCH	242
	BIO-MED INC	Maryland	ARMY	RDTE/OTHER MEDICAL - RESEARCH	131
	BIOTEK INC	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	BRANDEIS UNIVERSITY	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	52
	CASE WESTERN RESERVE UNIV	Ohio	ARMY	RDTE/OTHER MEDICAL - RESEARCH	97
	COLORADO STATE UNIVERSITY	Colorado	ARMY	RDTE/OTHER MEDICAL - RESEARCH	127
	CORNELL UNIVERSITY	New York	ARMY	RDTE/OTHER MEDICAL - RESEARCH	253
	COVALENT TECHNOLOGY CORP	Michigan	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	CYTOLOGY TECHNICAL INC	Texas	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	DIAGNOSTIC SPECIALTIES INC	New Jersey	ARMY	RDTE/OTHER MEDICAL - RESEARCH	56
	ELECTROMAGNETIC TECHNOLOGY INC	Virginia	ARMY	RDTE/OTHER MEDICAL - RESEARCH	832
	ENERGY CONVERSION DEVICES INC	Michigan	ARMY	RDTE/OTHER MEDICAL - RESEARCH	192
	ENERGY OPTICS INC	New Mexico	ARMY	RDTE/OTHER MEDICAL - RESEARCH	69
	ENVIRONMENTAL DIAGNOSTICS.	N Carolina	ARMY	RDTE/OTHER MEDICAL - RESEARCH	47

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AN91 (CONTINUED)					
	ENVIRONMETRICS INC	Missouri	ARMY	RDTE/OTHER MEDICAL - RESEARCH	168
	ENZON INC	New Jersey	ARMY	RDTE/OTHER MEDICAL - RESEARCH	146
	ESSEX CORPORATION	Virginia	ARMY	RDTE/OTHER MEDICAL - RESEARCH	239
	EVAPORATED COATINGS INC	Penn	ARMY	RDTE/OTHER MEDICAL - RESEARCH	184
	FOSTER-MILLER INC	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	51
	GEORGETOWN UNIVERSITY	D.C.	ARMY	RDTE/OTHER MEDICAL - RESEARCH	249-
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/OTHER MEDICAL - RESEARCH	127
	GORGAS MEMORIAL INSTITUTE	D.C.	ARMY	RDTE/OTHER MEDICAL - RESEARCH	30
		Maryland	ARMY	RDTE/OTHER MEDICAL - RESEARCH	111
					141
	CONTRACTOR TOTAL				
	GUILD ASSOCIATES INC	Ohio	ARMY	RDTE/OTHER MEDICAL - RESEARCH	53
	GULF WEATHER CORP	Miss	ARMY	RDTE/OTHER MEDICAL - RESEARCH	202
	GUMBS ASSOCIATES INC	New Jersey	ARMY	RDTE/OTHER MEDICAL - RESEARCH	250
	HAWAII BIOTECHNOLOGY GP, INC	Hawaii	ARMY	RDTE/OTHER MEDICAL - RESEARCH	140
	HAZLETON LABORATORIES AMERICA	Virginia	ARMY	RDTE/OTHER MEDICAL - RESEARCH	369
	HEBREW UNIVERSITY OF JERUSALEM	ISRAEL	ARMY	RDTE/OTHER MEDICAL - RESEARCH	114
	HERNER & COMPANY, INC	Maryland	ARMY	RDTE/OTHER MEDICAL - RESEARCH	684
	HIGH TECHNOLOGY SENSORS INC	Florida	ARMY	RDTE/OTHER MEDICAL - RESEARCH	208
	HOWARD UNIVERSITY	D.C.	ARMY	RDTE/OTHER MEDICAL - RESEARCH	80
	I R T CORPORATION	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	243
	INDIANA UNIVERSITY	Indiana	ARMY	RDTE/OTHER MEDICAL - RESEARCH	45
	INFORMATION MGMT GP, INC	Florida	ARMY	RDTE/OTHER MEDICAL - RESEARCH	434
	INNOVATIVE TECHNOLOGY INC	Miss	ARMY	RDTE/OTHER MEDICAL - RESEARCH	49
	JEFFERSON, THOMAS UNIVERSITY	Penn	ARMY	RDTE/OTHER MEDICAL - RESEARCH	963
	JOHNS HOPKINS UNIVERSITY	Maryland	ARMY	RDTE/OTHER MEDICAL - RESEARCH	182

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AN91 (CONTINUED)					
	LONDON SCHOOL OF HYGIENE	UNITED KIN	ARMY	RDTE/OTHER MEDICAL - RESEARCH	35
	M.D. ENGINEERING, INC	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	M/A COM INC	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	100
	MEDI MATRIX INC	New Jersey	ARMY	RDTE/OTHER MEDICAL - RESEARCH	48
	MEHARRY MEDICAL COLLEGE	Tennessee	ARMY	RDTE/OTHER MEDICAL - RESEARCH	383
	MERIX CORPORATION	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	112
	MICRO FOAM INC	New York	ARMY	RDTE/OTHER MEDICAL - RESEARCH	41
	MICROGENESYS INC	Conn	ARMY	RDTE/OTHER MEDICAL - RESEARCH	548
	MOBILITY SYS & EQUIP CO	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	333
	MOLECULON RESEARCH CORPORAT	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	123
	NEW ENGLAND MED CTR HOSPITALS	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	113
	NEW YORK UNIVERSITY	New York	ARMY	RDTE/OTHER MEDICAL - RESEARCH	174
	NORTH CAROLINA STATE UNIV	N Carolina	ARMY	RDTE/OTHER MEDICAL - RESEARCH	134
	PATHOLOGY LABORATORIES INC	Maryland	ARMY	RDTE/OTHER MEDICAL - RESEARCH	137
	PHARM-ECO LABORATORIES INC	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	260
	PICKER INTERNATIONAL INC	Ohio	ARMY	RDTE/OTHER MEDICAL - RESEARCH	6,167
	PROTEUS TECHNOLOGY INC	Maryland	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	PURDUE UNIVERSITY	Indiana	ARMY	RDTE/OTHER MEDICAL - RESEARCH	313
	RIBI IMMUNOCHEM RESEARCH INC	Montana	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	S T & E INC	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	SALK INST FOR BLGICAL STUDIES	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	791
	SCIENCE & ENGINEERING ASSOC	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	SCIENTIFIC RESEARCH ASSOC	Conn	ARMY	RDTE/OTHER MEDICAL - RESEARCH	54
	SCIENTIFIC SYSTEMS INC	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	57
	SCRIPPS CLINIC RES FOUNDATION	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	88

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
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AN91 (CONTINUED)

	SLOAN-KETTERING INSTT	New York	ARMY	RDTE/OTHER MEDICAL - RESEARCH	164
	SOUTHERN RESEARCH INSTITUTE	Alabama	ARMY	RDTE/OTHER MEDICAL - RESEARCH	2,386
	SOUTHWEST FOUNDATION	Texas	ARMY	RDTE/OTHER MEDICAL - RESEARCH	70
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/OTHER MEDICAL - RESEARCH	275
	SRI INTERNATIONAL	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	2,525
	STATE UNIVERSITY OF NEW YORK	New York	ARMY	RDTE/OTHER MEDICAL - RESEARCH	171
	SYNTRO CORP	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	SYSTEMS APPLICATIONS, INC	Virginia	ARMY	RDTE/OTHER MEDICAL - RESEARCH	1,212
	TECHNICAL RESEARCH ASSOCIATES	Utah	ARMY	RDTE/OTHER MEDICAL - RESEARCH	110
	TEL AVIV UNIVERSITY	ISRAEL	ARMY	RDTE/OTHER MEDICAL - RESEARCH	55
	UNIV RADIOLOGY ASSOC INC	Kentucky	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	UNIVERSITY OF ALABAMA	Alabama	ARMY	RDTE/OTHER MEDICAL - RESEARCH	143
	UNIVERSITY OF ARIZONA	Arizona	ARMY	RDTE/OTHER MEDICAL - RESEARCH	78
	UNIVERSITY OF CALIFORNIA	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	615
	UNIVERSITY OF CHICAGO, THE	Illinois	ARMY	RDTE/OTHER MEDICAL - RESEARCH	48
	UNIVERSITY OF FLORIDA	Florida	ARMY	RDTE/OTHER MEDICAL - RESEARCH	29
	UNIVERSITY OF ILLINOIS	Illinois	ARMY	RDTE/OTHER MEDICAL - RESEARCH	473
	UNIVERSITY OF KANSAS	Kansas	ARMY	RDTE/OTHER MEDICAL - RESEARCH	31
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/OTHER MEDICAL - RESEARCH	510
	UNIVERSITY OF MASSACHUSETTS	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	978
	UNIVERSITY OF MIAMI INC	Florida	ARMY	RDTE/OTHER MEDICAL - RESEARCH	303
	UNIVERSITY OF MICHIGAN	Michigan	ARMY	RDTE/OTHER MEDICAL - RESEARCH	343
	UNIVERSITY OF NORTH CAROLINA	N Carolina	ARMY	RDTE/OTHER MEDICAL - RESEARCH	155
	UNIVERSITY OF OKLAHOMA	Oklahoma	ARMY	RDTE/OTHER MEDICAL - RESEARCH	97
	UNIVERSITY OF ROCHESTER	New York	ARMY	RDTE/OTHER MEDICAL - RESEARCH	140

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R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
AN91 (CONTINUED)					
	UNIVERSITY OF SOUTH CAROLINA	S Carolina	ARMY	RDTE/OTHER MEDICAL - RESEARCH	210
	UNIVERSITY OF TENNESSEE	Tennessee	ARMY	RDTE/OTHER MEDICAL - RESEARCH	166
	UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY	RDTE/OTHER MEDICAL - RESEARCH	97
	UNIVERSITY OF VIRGINIA	Virginia	ARMY	RDTE/OTHER MEDICAL - RESEARCH	17
	UNIVERSITY OF WASHINGTON	Washington	ARMY	RDTE/OTHER MEDICAL - RESEARCH	59
	UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	ARMY	RDTE/OTHER MEDICAL - RESEARCH	168
	UNIVERSITY OF WYOMING	Wyoming	ARMY	RDTE/OTHER MEDICAL - RESEARCH	106
	UPJOHN COMPANY THE	Michigan	ARMY	RDTE/OTHER MEDICAL - RESEARCH	59-
	VANGUARD RSCH LABORATORIES INC	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	48
	VIRGINIA COMMONWEALTH UNIV	Virginia	ARMY	RDTE/OTHER MEDICAL - RESEARCH	217
	WASHINGTON UNIVERSITY	Missouri	ARMY	RDTE/OTHER MEDICAL - RESEARCH	153
	WYATT TECHNOLOGY CORP	California	ARMY	RDTE/OTHER MEDICAL - RESEARCH	100
	ZIGMED CORPORATION	New Jersey	ARMY	RDTE/OTHER MEDICAL - RESEARCH	50
	ZION RESEARCH FOUNDATION	Mass	ARMY	RDTE/OTHER MEDICAL - RESEARCH	52
	R&D TOTAL				30,844
AN92	AMERICAN INST BIOLOGCL SCIENCE	D.C.	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	175
	ASH-STEVENS INC	Michigan	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	127
	AUBURN UNIVERSITY	Alabama	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	274
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	35
	BAYLOR UNIVERSITY	Texas	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	155
	BDM CORPORATION	Ohio	USAF	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	72
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	260
	BEND RESEARCH INC	Oregon	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	131
	BIONETICS RESEARCH INC	Maryland	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	136
	BRIGHAM & WOMENS HOSPITAL	Mass	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	253

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AN92 (CONTINUED)

	CALSPAN CORPORATION	Penn	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	\$ 228
	CATHOLIC UNIVERSITY OF AMER	D.C.	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	1,033
	CHILDRENS HOSP PHILA	Penn	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	46 -
	CHILDRENS HOSPITAL CORP	Mass	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	94
	COLORADO STATE UNIVERSITY	Colorado	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	28
	CORNELL UNIVERSITY	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	171
	DANA FARBEN CANCER INSTITUTE	Mass	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	78
	DYNAMAC CORPORATION	Maryland	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	214
	EAST CAROLINA UNIVERSITY	N Carolina	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	196
	EMORY UNIVERSITY	Georgia	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	51
	EYE RESEARCH INST RETINA FNDTN	Mass	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	285
	FOX CHASE CANCER CENTER	Penn	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	135
	GAMELE JAMES N INST MED RES	Ohio	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	70
	GEORGE WASHINGTON UNIVERSITY	D.C.	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	42
	GEORGETOWN UNIVERSITY	D.C.	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	273
	GORGAS MEMORIAL INSTITUTE	Maryland	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	292
	HAHNEMANN UNIVERSITY	Penn	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	97
	HARVARD COLLEGE	Mass	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	79
	HAWAII BIOTECHNOLOGY GP, INC	Hawaii	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	461
	HEALTH RESEARCH INC	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	312
	JAYCOR	California	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	732
	JOHNS HOPKINS UNIVERSITY	Maryland	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	772
	KANSAS STATE UNIVERSITY	Kansas	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	77
	LITTLE ARTHUR D INC	Mass	ARMY USAF	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	297 29

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
	LONDON SCHOOL OF HYGIENE	UNITED KIN	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	326
	LOUISIANA STATE UNIVERSITY	Louisiana	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	100
	MARSHALL UNIVERSITY	W Virginia	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	228
	MASSACHSETTS INST OF TECHNOLOGY	Mass	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	34
	MEDICAL COLLEGE OF GEORGIA	Georgia	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	109
	MEDICAL COLLEGE OF PA	Penn	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	126
	MICHIGAN STATE UNIVERSITY	Michigan	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	345
	NATURAL ENVIRONMENTAL	UNITED KIN	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	140-
	NEW YORK UNIVERSITY	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	183
	NORTH CAROLINA STATE UNIV	N Carolina	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	107
	OHIO UNIVERSITY	Ohio	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	311
	PURDUE UNIVERSITY	Indiana	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	63
	RESEARCH TRIANGLE INSTITUTE	N Carolina	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	110
	ROCHESTER INST OF TECHNOLOGY	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	355
	ROCKEFELLER UNIVERSITY INC THE	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	77
	SCRIPPS CLNIC RES FOUNDATION	California	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	105
	SLOAN-KETTERING INSTT	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	708
	SOUTHERN ILLINOIS UNIVERSITY	Illinois	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	239
	SOUTHERN RESEARCH INSTITUTE	Alabama	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	470
	SOUTHWEST FOUNDATION	Texas	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	996
	SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	440
	SPELMAN COLLEGE	Georgia	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	835
	SRI INTERNATIONAL	California	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	84
	STANFORD LELAND JUNIOR UNIV	California	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	1,415
					108

AN92 (CONTINUED)

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AN92 (CONTINUED)					
	STARKS ASSOCIATES INC	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	178
	STATE UNIVERSITY OF NEW YORK	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	514
	TEMPLE UNIVERSITY	Penn	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	152
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	265
	UNIVERSITY OF ALABAMA	Alabama	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	88
	UNIVERSITY OF ALBERTA	CANADA	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	36
	UNIVERSITY OF BIRMINGHAM	UNITED KIN	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	35
	UNIVERSITY OF CALIFORNIA	California	ARMY NAVY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	644 70
			STATE TOTAL		714
	UNIVERSITY OF CHICAGO, THE	Illinois	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	151
	UNIVERSITY OF CINCINNATI	Ohio	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	302
	UNIVERSITY OF COLORADO	Colorado	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	325
	UNIVERSITY OF DAYTON	Ohio	USAF	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	26
	UNIVERSITY OF FLORIDA	Florida	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	442
	UNIVERSITY OF GEORGIA	Georgia	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	239
	UNIVERSITY OF HAWAII	Hawaii	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	276
	UNIVERSITY OF ILLINOIS	Illinois	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	701
	UNIVERSITY OF IOWA THE	Iowa	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	382
	UNIVERSITY OF KENTUCKY	Kentucky	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	142
	UNIVERSITY OF LOUISVILLE	Kentucky	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	205
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	622
	UNIVERSITY OF MASSACHUSETTS	Mass	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	206
	UNIVERSITY OF MIAMI INC	Florida	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	435
	UNIVERSITY OF MICHIGAN	Michigan	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	216

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
AN92 (CONTINUED)					
	UNIVERSITY OF MINNESOTA	Minnesota	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	310
	UNIVERSITY OF MISSISSIPPI	Miss	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	228
	UNIVERSITY OF NEW MEXICO	New Mexico	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	121
	UNIVERSITY OF NORTH CAROLINA	N Carolina	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	130
	UNIVERSITY OF RHODE ISLAND	Rhode Isl	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	170
	UNIVERSITY OF ROCHESTER	New York	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	273
	UNIVERSITY OF SAN FRANCISCO	California	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	108
	UNIVERSITY OF TENNESSEE	Tennessee	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	37
	UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	718
	UNIVERSITY OF THE PACIFIC	California	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	217
	UNIVERSITY OF VERMONT	Vermont	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	86
	UNIVERSITY OF WESTERN ONTARIO	CANADA	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	237
	UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	42
	VANDERBILT UNIVERSITY THE	Tennessee	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	64
	VIRGINIA COMMONWEALTH UNIV	Virginia	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	362
	WAKE FOREST UNIVERSITY	N Carolina	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	144
	WASHINGTON UNIVERSITY	Missouri	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	192
	WEIZMANN INSTITUTE THE	ISRAEL	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	258
	WRIGHT STATE UNIVERSITY	Ohio	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	383
	YALE UNIVERSITY	Conn	ARMY	RDTE/OTHER MEDICAL - EXPLORATORY DEVELOP	103
	R&D TOTAL				25,861
AN93	A/G TECHNOLOGY CORP	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	120
	AMERICAN FNDTN BIOLOGCL RSRCH	Maryland	NAVY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	195
	AMERICAN OPTICAL CORPORATION	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	5,677
	ASH-STEVENS INC	Michigan	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	524

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
AN93 (CONTINUED)					
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	\$ 7,750
	BAXTER HEALTHCARE CORPORATION	Illinois	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	2,000
	BIONETICS RESEARCH INC	Maryland	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	223
	BIOTECH RESEARCH LABORATORIES	Maryland	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	1,589
	BRIGHAM YOUNG UNIVERSITY	D.C.	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	1,124-
		New York	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	100
		Utah	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	73
	CONTRACTOR TOTAL				951-
	CASTLE CO INC	New York	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	670
	COLORADO STATE UNIVERSITY	Colorado	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	43
	COLUMBIA UNIVERSITY	New York	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	158
	CORNELL UNIVERSITY	New York	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	342
	COVALENT TECHNOLOGY CORP	Michigan	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	446
	DANA FARBER CANCER INSTITUTE	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	891
	DUKE UNIVERSITY	N Carolina	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	877
	EAGLE-PICHER INDUSTRIES INC	Kansas	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	323
	ELECTRO-NUCLEONICS INC	Maryland	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	442
	ENGINEERING & ECONOMICS RES	Virginia	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	2,185
	ENZO BIOCHEM, INC	New York	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	500
	FLOW LABORATORIES INC	Virginia	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	41
	G M S ENGINEERING CORPORATION	Maryland	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	257
	GENETIC DIAGNOSTICS CORP	New York	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	625
	GEORGE WASHINGTON UNIVERSITY	D.C.	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	796
	GEORGETOWN UNIVERSITY	D.C.	NAVY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	409
	GUILD ASSOCIATES INC	Ohio	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	904

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	--R&D DESCRIPTION--	\$
AN93 (CONTINUED)					
	HARVARD COLLEGE	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	2,551
	HUNTINGDON RESEARCH CENTER	UNITED KIN	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	338
	IMATRON, INC	California	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	1,200
	JAYCOR	Ohio	USAF	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	260
	JOHNS HOPKINS UNIVERSITY	Maryland	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	519
	KONIGSBERG INSTRUMENTS INC	California	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	337
	LITTLE ARTHUR D INC	Mass	USAF	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	263
	LOCKHEED MISSILES & SPACE CO	Alabama	USAF	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	88
	M S B SYSTEMS INC	Conn	NAVY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	350
	MAC AULAY-BROWN INC	Ohio	USAF	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	251
	MAXDEM INC	California	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	163
	MEDICAL COLLEGE OHIO AT TOLED	Ohio	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	84
	METTERS INDUSTRIES INC	Virginia	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	499
	MICRO ANALYSIS AND DESIGN INC	Colorado	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	27
	MICROBIOLOGICAL ASSOCIATES	Maryland	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	191
	MITRE CORPORATION THE	Virginia	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	2,563
	MOLECULAR GENETICS, INC	Minnesota	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	642
	MOUNT SINAI SCHOOL	New York	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	100
	N E D H CORP	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	189
	NATIONAL ACADEMY OF SCIENCES	D.C.	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	2,694
	NEW ENGLAND MED CTR HOSPITALS	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	143
	ORD INC	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	50
	PALL CORPORATION	Florida	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	180
	PHARM-ECO LABORATORIES INC	California	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	290
	PICKER INTERNATIONAL INC	Ohio	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	1,038

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AN93 (CONTINUED)					
	PURDUE UNIVERSITY	Indiana	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	\$ 561
	RESEARCH TRIANGLE INSTITUTE	N Carolina	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	314
	RIKER LABORATORIES INC	Minnesota	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	2,356
	ROHM AND HAAS COMPANY	Penn	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	1,192
	SALK INST FOR BLGICAL STUDIES	Penn	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	5,721
	SOUTHERN RESEARCH INSTITUTE	Alabama	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	407
	SOUTHWEST FOUNDATION	Texas	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	504
	SRI INTERNATIONAL	California	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	384
	STARKS ASSOCIATES INC	New York	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	271
	STERIMATICS CORPORATION	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	6,842
	TECHNASSOCIATES INC	Maryland	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	712
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	97
	UNIVERSITY OF ALABAMA	Alabama	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	1,038
	UNIVERSITY OF CALIFORNIA	California	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	1,742
	UNIVERSITY OF ILLINOIS	Illinois	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	722
	UNIVERSITY OF IOWA THE	Iowa	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	537
	UNIVERSITY OF KANSAS	Kansas	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	209
	UNIVERSITY OF LOWELL	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	157
	UNIVERSITY OF MASSACHUSETTS	Mass	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	792
	UNIVERSITY OF MINNESOTA	Minnesota	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	263
	UNIVERSITY OF TENNESSEE	Tennessee	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	132
	UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	413
	UNIVERSITY OF UTAH	Utah	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	165
	UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	64
	UTAH STATE UNIVERSITY	Utah	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	612

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AN93 (CONTINUED)					
	VIRGINIA COMMONWEALTH UNIV	Virginia	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	309
	WASHINGTON UNIVERSITY	Missouri	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	596
	YALE UNIVERSITY	Conn	ARMY	RDTE/OTHER MEDICAL - ADVANCED DEVELOPMENT	435
	R&D TOTAL				69,593
AN94	ASSOCIATED TOOL CO INC	Alabama	ARMY	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	1,516
	ENGINEERING & ECONOMICS RES	Virginia	ARMY	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	1,433
	I L C INDUSTRIES (DELAWARE)	Delaware	USAF	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	45
	KRUG INTERNATIONAL CORPORATION	Ohio	USAF	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	83
	MAC AULAY-BROWN INC	Ohio	USAF	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	140
	MINNESOTA MIN & MFG COMPANY	Minnesota	ARMY	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	180
	PICKER INTERNATIONAL INC	Ohio	ARMY	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	1,514
	RCHM AND HAAS COMPANY	Penn	ARMY	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	563
	SYSTEMS RESEARCH LABORATORIES	Ohio	USAF	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	325
	UNIVERSITY OF COLORADO	Colorado	ARMY	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	30
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	428
	CONTRACTOR TOTAL	CHILE	ARMY	RDTE/OTHER MEDICAL - ENGINEERING DEVELOP	194
					622
	R&D TOTAL				6,451
AN95	UNIVERSITY OF MARYLAND	CHILE	ARMY	RDTE/OTHER MEDICAL - OP SYSTEMS DEVELOP	70
AP51	SEACO INC	Hawaii	NAVY	RDTE/NATURAL RESOURCES-MARINE - RESEARCH	150
	STATE OF IDAHO	Idaho	OCE	RDTE/NATURAL RESOURCES-MARINE - RESEARCH	55
	R&D TOTAL				205
AP53	SEACO INC	Hawaii	NAVY	RDTE/NATURAL RESOURCES-MARINE - ADV DEV	2,019
AP55	UNIVERSITY OF MARYLAND	Maryland	NAVY	RDTE/NATURAL RESOURCES-MARINE - OP SYS DEV	140
AP92	UNITED TECHNOLOGIES CORP	Florida	NAVY	RDTE/OTHER NATURAL RESOURCES - EXPLOR DEV	80

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AR11	CLARKSON UNIVERSITY	New York	USAF	RDTE/AERONAUTICAL & SPACE TECH - RESEARCH	31
	PHOTON RESEARCH ASSOCIATES INC	California	USAF	RDTE/AERONAUTICAL & SPACE TECH - RESEARCH	250
	RESEARCH TRIANGLE INSTITUTE	Florida	USAF	RDTE/AERONAUTICAL & SPACE TECH - RESEARCH	818
	R&D TOTAL				1,099
AR12	ANALYTIC DECISION INC	Virginia	USAF	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	99
	EATON CORPORATION	Mass	USAF	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	225
	ELECTRO-OPTIK CORPORATION	California	USAF	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	201
	HARRIS CORPORATION	Florida	USAF	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	260
	MATERIALS SCIENCE CORP	Penn	NAVY	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	224
	NEW MEXICO STATE UNIVERSITY	New Mexico	USAF	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	522
	NORTHROP CORPORATION	California	USAF	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	255
	SPARTA INC	California	NAVY	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	440
	SPIRE CORPORATION	Mass	USAF	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	380
	UNIVERSITY OF UTAH	Utah	USAF	RDTE/AERONAUTICAL & SPACE TECH - EXP DEV	35
	R&D TOTAL				2,641
AR13	MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/AERONAUTICAL & SPACE TECH - ADV DEV	192
AR16	COHERENT TECHNOLOGIES INC	Colorado	USAF	RDTE/AERONAUTICAL & SPACE TECH - MGMT&SUP	647
	PHYSICAL DYNAMICS INC	California	USAF	RDTE/AERONAUTICAL & SPACE TECH - MGMT&SUP	101
	RCA CORPORATION	New Jersey	USAF	RDTE/AERONAUTICAL & SPACE TECH - MGMT&SUP	1,385
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/AERONAUTICAL & SPACE TECH - MGMT&SUP	49
	R&D TOTAL				2,182
AR21	ATMOSPHERIC ENVIRONMENTAL RES	Mass	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-RESEARCH	46
	COHERENT TECHNOLOGIES INC	Colorado	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-RESEARCH	47
	MICROCIRC ASSOCIATES	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-RESEARCH	585
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/SPACE SCIENCE APPLIC & TECH-RESEARCH	190
	SPIRE CORPORATION	Mass	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-RESEARCH	64

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
	R&D TOTAL				932
AR22	ANALYTIX ELECTRONIC SYSTEMS,	N.H.	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-EXP DEV	26
	CALIFORNIA INST OF TECHNOLOGY	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-EXP DEV	65
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-EXP DEV	321
	LOGICON INC	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-EXP DEV	343
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-EXP DEV	2,799
	STANFORD LELAND JUNIOR UNIV	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-EXP DEV	97
	R&D TOTAL				3,651
AR23	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-ADV DEV	65
	GENERAL ELECTRIC COMPANY	Penn	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-ADV DEV	320
	GRUMMAN AEROSPACE CORPORATION	New York	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-ADV DEV	41,260
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-ADV DEV	41,980
	MC DONNELL DOUGLAS CORPORATION	Missouri	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-ADV DEV	145
	TRW INC	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-ADV DEV	9,627
	R&D TOTAL				93,397
AR24	RCA CORPORATION	New Jersey	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-ENGR DEV	202
AR25	AEROJET ELECTROSYSTEMS CO	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-OP SYS DEV	1,795
	AEROSPACE CORPORATION THE	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-OP SYS DEV	338,926
	INTERNATIONAL BUS MCHS CORP	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-OP SYS DEV	535
	O A O CORPORATION	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-OP SYS DEV	433
	RCA CORPORATION	New Jersey	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-OP SYS DEV	25,864
	TRW INC	California	USAF	RDTE/SPACE SCIENCE APPLIC & TECH-OP SYS DEV	10,432
	R&D TOTAL				377,985
AR31	ASTRON RESEARCH & ENGINEERING	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-RESEARCH	287
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-RESEARCH	750
	R&D TOTAL				1,037

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AR32	DEFENSE SYSTEMS INC	Virginia	NAVY	RDTE/SPACE TRANSPORTATION SYSTEMS-EXP DEV	1,500
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-EXP DEV	100
	PHYSICAL SCIENCES INC	Mass	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-EXP DEV	35
	R&D TOTAL				1,635
AR33	BOEING COMPANY THE	Washington	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ADV DEV	331
	DYNETICS INC	Alabama	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ADV DEV	100
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ADV DEV	133
	INTERNATIONAL BUS MCHS CORP	Texas	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ADV DEV	1,507
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ADV DEV	508
	MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ADV DEV	3,125
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ADV DEV	125
	TRW INC	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ADV DEV	790
	R&D TOTAL				6,619
AR34	BOEING COMPANY THE	Washington	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	1,400
	ECON INC	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	373
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	1,400
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	1,400
	MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	1,400
	MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	267,423
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	1,400
	SYGNETRON PROTECTION SYSTEMS	Maryland	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	3,686-
	U S B I BOOSTER PRODUCTION CO	Alabama	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-ENGR DEV	1,400
	R&D TOTAL				272,510
AR35	BOEING COMPANY THE	Washington	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	6,590
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	750
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	2,170
	INFOTEC DEVELOPMENT INC	California	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	200

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AR35 (CONTINUED)					
	MARTIN MARIETTA CORPORATION	California	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	10,877-
		Colorado	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	7,151
	CONTRACTOR TOTAL				3,726-
	MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	750
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	6,054
	TRW INC	California	USAF	RDTE/SPACE TRANSPORTATION SYS-OP SYS DEV	950
	R&D TOTAL				13,738
AR36	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-MGMT SUP	125
	TRIDENT DATA SYSTEMS INC	California	USAF	RDTE/SPACE TRANSPORTATION SYSTEMS-MGMT SUP	1,912
	R&D TOTAL				2,037
AR41	BDM CORPORATION	Virginia	USAF	RDTE/SPACE TRACKING & DATA ACQ - RESEARCH	150
	BERNER LANPHIER AND ASSOC	Maryland	USAF	RDTE/SPACE TRACKING & DATA ACQ - RESEARCH	33
	NORTHWESTERN UNIVERSITY	Illinois	NAVY	RDTE/SPACE TRACKING & DATA ACQ - RESEARCH	45
	R&D TOTAL				228
AR42	BOSTON COLLEGE	Mass	USAF	RDTE/SPACE TRACKING & DATA ACQ - EXP DEV	211
	HONEYWELL INC	Arizona	NAVY	RDTE/SPACE TRACKING & DATA ACQ - EXP DEV	125
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/SPACE TRACKING & DATA ACQ - EXP DEV	27
	NORTHWESTERN UNIVERSITY	Illinois	NAVY	RDTE/SPACE TRACKING & DATA ACQ - EXP DEV	214
	R&D TOTAL				577
AR43	BALL CORPORATION	Colorado	NAVY	RDTE/SPACE TRACKING & DATA ACQ - ADV DEV	125
	GENERAL ELECTRIC COMPANY	Penn	NAVY	RDTE/SPACE TRACKING & DATA ACQ - ADV DEV	182
	RAYTHEON COMPANY	Mass	ARMY	RDTE/SPACE TRACKING & DATA ACQ - ADV DEV	1,000
	R&D TOTAL				1,307
AR44	HUGHES AIRCRAFT COMPANY	California	NAVY	RDTE/SPACE TRACKING & DATA ACQ - ENGR DEV	398
	INTERFEROMETRICS INC	Virginia	NAVY	RDTE/SPACE TRACKING & DATA ACQ - ENGR DEV	88

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AR44 (CONTINUED)					
	INTERNATIONAL BUS MCHS CORP	Maryland	USAF	RDTE/SPACE TRACKING & DATA ACQ - ENGR DEV	11,683
	SCIENCE APPLICATIONS INTL CORP	California	USAF	RDTE/SPACE TRACKING & DATA ACQ - ENGR DEV	2,012
	TEXAS INSTRUMENTS INCORPORATED	Texas	USAF	RDTE/SPACE TRACKING & DATA ACQ - ENGR DEV	9,266
	R&D TOTAL				23,447
AR45	AEROJET ELECTROSYSTEMS CO	California	USAF	RDTE/SPACE TRACKING & DATA ACQ - OP SYS DEV	460
	EXIDE CORPORATION	N Carolina	USAF	RDTE/SPACE TRACKING & DATA ACQ - OP SYS DEV	4,752
	UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY	RDTE/SPACE TRACKING & DATA ACQ - OP SYS DEV	116
	R&D TOTAL				5,328
AR46	DYNACORP (INC)	New Mexico	ARMY	RDTE/SPACE TRACKING & DATA ACQ - MGMT SUP	5,401
	INTERMETRICS INC	California	USAF	RDTE/SPACE TRACKING & DATA ACQ - MGMT SUP	843
	R&D TOTAL	Mass	USAF	RDTE/SPACE TRACKING & DATA ACQ - MGMT SUP	27-
	CONTRACTOR TOTAL				816
AR91	AUBURN UNIVERSITY	Alabama	NAVY	RDTE/OTHER SPACE - RESEARCH	6,217
	GENERAL ELECTRIC COMPANY	Maryland	NAVY	RDTE/OTHER SPACE - RESEARCH	2,046
		Penn	USAF	RDTE/OTHER SPACE - RESEARCH	60
	CONTRACTOR TOTAL				1,000
	GENERAL RESEARCH CORPORATION	California	USAF	RDTE/OTHER SPACE - RESEARCH	1,060
	GRUMMAN CORPORATION	New York	USAF	RDTE/OTHER SPACE - RESEARCH	14,344
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/OTHER SPACE - RESEARCH	1,000
	MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/OTHER SPACE - RESEARCH	1,900
	PHYSICAL SCIENCE LABRATORY	New Mexico	NAVY	RDTE/OTHER SPACE - RESEARCH	998
	PYRONETICS DEVICES INC	Colorado	NAVY	RDTE/OTHER SPACE - RESEARCH	58
	SOFTWARE TECHNOLOGY INC	Florida	NAVY	RDTE/OTHER SPACE - RESEARCH	74
	TRW INC	California	USAF	RDTE/OTHER SPACE - RESEARCH	1,195
					2,118

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
R&D TOTAL					
AR92	FORD ARSPACE COMMUNICATIONS CORP	Colorado	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	24,793
	INTERNATIONAL BUS MCHS CORP	Maryland	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	1,496
	LOCKHEED CORPORATION	California	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	1,705
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	209
	LTV AEROSPACE & DEFENSE CO	Texas	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	10,671
	MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	180
	MC DONNELL DOUGLAS CORPORATION	California	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	196
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	1,436
	SCIENCE APPLICATIONS INTL CORP	California	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	7,356
	TRW INC	California	USAF	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	6,629
	UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	NAVY	RDTE/OTHER SPACE - EXPLORATORY DEVELOPMENT	10,135
R&D TOTAL					
AR93	AEROJET TECHSYSTEMS CO	California	NAVY	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	40,053
	AVANTEK INC	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	142
	AVCO CORPORATION	Mass	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	119
	BALL CORPORATION	Colorado	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	775
	DWA COMPOSITE SPECIALTIES INC	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	1,500
	E SYSTEMS INC	Virginia	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	88
	FORD ARSPACE COMMUNICATIONS CORP	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	1,586
	HARRIS CORPORATION	Florida	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	1,942
	HELIIX TECHNOLOGY CORPORATION	Mass	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	30
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	250
	INTERNATIONAL BUS MCHS CORP	Maryland	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	3,604
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	2,728
	MARTIN MARIETTA CORPORATION	Colorado	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	54,683
R&D TOTAL					

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
AR93 (CONTINUED)					
	MC DONNELL DOUGLAS CORPORATION	Missouri	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	1,504-
	MISSION RESEARCH CORPORATION	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	49
	ODETICS INC	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	448
	RAYTHEON COMPANY	Mass	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	600
	RIVERSIDE RESEARCH INSTITUTE	New York	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	330
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	32,803
	SPERRY CORPORATION	Minnesota	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	3,807
	TRW INC	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	2,897
	ULTRASYSTEMS WESTERN CONSTR	California	USAF	RDTE/OTHER SPACE - ADVANCED DEVELOPMENT	50
	R&D TOTAL				121,527
AR94					
	AEROJET ELECTROSYSTEMS CO	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	88,711
	AVCO CORPORATION	Mass	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	569
	BOEING COMPANY THE	Washington	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	85,401
	FORD ARSPACE COMMUNICATIONS CORP	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	2,105
	GENERAL DYNAMICS CORPORATION	Missouri	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	1,567
	GEODYNAMICS CORPORATION	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	380
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	380
	INTERNATIONAL BUS MCHS CORP	Colorado	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	4,761
	ITT CORPORATION	New Jersey	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	3,692
	LOCKHEED MISSILES & SPACE CO	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	1,522
	LTV AEROSPACE & DEFENSE CO	Texas	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	121,600
	ROCKWELL INTERNATIONAL CORP	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	9,324
	SCITOR CORP	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	380
	STANFORD TELECOMMUNICATIONS	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	3,600
	THERMO ELECTRON CORPORATION	Mass	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	79

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AR94 (CONTINUED)					
	TRW INC	California	USAF	RDTE/OTHER SPACE - ENGINEERING DEVELOPMENT	1,130
	R&D TOTAL				325,201
AR95	DRAPER CHARLES STARK LAB INC	Mass	USAF	RDTE/OTHER SPACE - OP SYSTEMS DEVELOPMENT	249
	FORD ARSPACE COMMUNICATIONS CORP	California	USAF	RDTE/OTHER SPACE - OP SYSTEMS DEVELOPMENT	1,549
	SCIENCE APPLICATIONS INTL CORP	California	USAF	RDTE/OTHER SPACE - OP SYSTEMS DEVELOPMENT	1,490
	SPACE APPLICATIONS CORPORATION	California	USAF	RDTE/OTHER SPACE - OP SYSTEMS DEVELOPMENT	10,877
	R&D TOTAL				14,165
AR96	FRONTIER TECHNOLOGY INC	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	50
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	22,762
	GIGABIT LOGIC, INC	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	260
	IRVINE TECHNOLOGY GROUP INC	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	58
	MC DONNELL DOUGLAS CORPORATION	Missouri	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	240
	MICROCOSM	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	59
	NICHOLS RESEARCH CORPORATION	Alabama	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	1,049
	SPARTA INC	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	49
	TECOLOTE RESEARCH INC	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	48
	TOYON RESEARCH CORP	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	49
	TRW INC	California	USAF	RDTE/OTHER SPACE - MANAGEMENT SUPPORT	1,326-
	R&D TOTAL				23,298
AS11	AMAS CONSORTIUM	California	USAF	RDTE/TRANSPORTATION - AIR - RESEARCH	50
AS21	BOLT BERANEK & NEWMAN INC	Mass	ARMY	RDTE/TRANSPORTATION - MOTOR VEH - RESEARCH	1,064
AS23	UNIVERSITY OF MICHIGAN	Michigan	NAVY	RDTE/TRANSPORTATION - MOTOR VEH - ADV DEV	30
AS25	BOEING COMPANY THE	Washington	NAVY	RDTE/TRANSPORTATION - MOTOR VEH-OP SYS DEV	110
AS31	LITTLE ARTHUR D INC	Mass	ARMY	RDTE/TRANSPORTATION - RAIL - RESEARCH	51
AS34	CHAMBERLAIN MANUFACTURING CORP	Illinois	ARMY	RDTE/TRANSPORTATION - RAIL - ENG DEV	5,612

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R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AT11	U S COMPOSITES CORP	New York	ARMY	RDTE/TRANS - HWYS-ROADS-BRIDGES - RESEARCH	250
AT13	FAIREY ENGINEERING LTD	UNITED KIN	NAVY	RDTE/TRANS - HWYS-ROADS-BRIDGES - ADV DEV	1,097
	FOSTER-MILLER INC	Mass	ARMY	RDTE/TRANS - HWYS-ROADS-BRIDGES - ADV DEV	1,066
	R&D TOTAL				2,163
AT14	FOSTER-MILLER INC	Mass	ARMY	RDTE/TRANS - HWYS-ROADS-BRIDGES - ENG DEV	2,041
AT15	BUILDING CONSTRUCTION CO	Louisiana	OCE	RDTE/TRANS-HWYS-ROADS-BRIDGES - OP SYS DEV	30
AT16	INFOSYSTEMS TECHNOLOGY INC	Maryland	ARMY	RDTE/TRANS - HWYS-ROADS-BRIDGES - MGMT SUP	115
	TRUSTED INFORMATION SYSTEMS	Maryland	ARMY	RDTE/TRANS - HWYS-ROADS-BRIDGES - MGMT SUP	132
	R&D TOTAL				247
AT22	FMC CORPORATION	California	ARMY	RDTE/TRANS - HUMAN FACTORS - EXPLOR DEV	69
AV32	HONEYWELL INC	Minnesota	NAVY	RDTE/SUBSURFACE MINING METHODS - EXP DEV	1,208
	LORAL CORPORATION	Ohio	NAVY	RDTE/SUBSURFACE MINING METHODS - EXP DEV	1,500
	R&D TOTAL				2,708
AV51	A A I CORPORATION	Maryland	ARMY	RDTE/MINING RECLAMATION METHODS - RESEARCH	27
AV61	HORRIGAN ANALYTICS	Illinois	NAVY	RDTE/MINING SAFETY - RESEARCH	73
AV55	GENERAL ELECTRIC COMPANY	Penn	USAF	RDTE/MINING SAFETY - OPER SYSTEMS DEVELOP	204
AV76	MARKO MATERIALS INC	Mass	USAF	RDTE/MINING - METALLURGICAL - MGMT SUP	50
AL11	A B A M ENGINEERS INC	Washington	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	87
	A I TECHNOLOGY INC	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	36
	A K M ASSOCIATES	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	475
	A T & T TECHNOLOGIES INC	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	333
	ABBOTT ASSOCIATES INCORPORATED	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	99
	ACADEMY OF APPLIED SCIENCE INC	N H.	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	110
	ADVANCED COMPOSITE PRODUCTS	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	270
	ADVANCED DIGITAL SYSTEM INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
	ALG AKTIENGESSELLSCHAFT	GERMANY, F	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	45

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AZ11 (CONTINUED)

AEROCHEM RESEARCH LABS	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$	116
AEROMET INC	Oklahoma	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		49
AERONATL RESRH ASSOC OF PRNT	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		76
AEROVIRONMENT, INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		49
AGAPITO J F T & ASSOCIATES INC	Colorado	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		83
ALLEN CORPORATION OF AMERICA	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		143
ALPHATECH INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		2,519
AMERASIA TECHNOLOGY INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		144
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		489
	STATE TOTAL				633
AMERICAN RED CROSS	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		52
AMTEC ENGINEERING INC	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		49
ANALYTIC SCIENCES CORP THE	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		30
ANALYTICAL METHODS INC	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		51
ANALYTICS INCORPORATED	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		102
ANAMET LABORATORIES INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		49
ANATECH INTERNATIONAL CORP	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		30
ANTECH INC	Georgia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		35
APPLICATIONS RESEARCH CORP	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		57
APPLIED FUSLIN TECHNOLOGY	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		70
APPLIED RESEARCH ASSOCIATES	Miss	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		35
	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		129
CONTRACTOR TOTAL					164
APPLIED RESEARCH CORPORATION	D. C.	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		151
	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		165

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AZ11 (CONTINUED)

CONTRACTOR TOTAL				\$
APPLIED SCIENCE ANALYTICS INC	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	316
APPLIED TECHNOLOGY ASSOCIATES	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	65
APTEK INC	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,676
ARCHITECTURAL ENERGY CORP	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
ARCTEC INCORPORATED	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	204
ARIZONA STATE UNIVERSITY	Arizona	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49 323 36
STATE TOTAL				359
ARKANSAS UNIVERSITY OF	Arkansas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	97
ASTRON CORPORATION	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	48
ASTROSYSTEMS INC	Delaware	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
AUBURN UNIVERSITY	Alabama	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	261
AVCO CORPORATION	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	107
AXIOMATIX	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	90
B B N ADVANCED COMPUTERS INC	D.C.	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	809
BATTELLE MEMORIAL INSTITUTE	Alabama	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	305
	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	447
	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	101
	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	142
	D.C.	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	122
	Florida	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	172
	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	444
	Indiana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	86

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PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		
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AZ11 (CONTINUED)

Maryland	ARMY DLA			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$	432 5,200
STATE TOTAL						
Mass	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		5,632
Michigan	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		497
Minnesota	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		61
N.H.	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		119
New Jersey	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		40
New Mexico	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		365
New York	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		60
N Carolina	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		119
Ohio	ARMY DLA			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		86 2,637 2,287
STATE TOTAL						
Oklahoma	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		4,924
Oregon	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		97
Penn	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		35
Texas	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		174
Utah	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		256
Vermont	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		129
Virginia	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		28
Washington	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		713
New Mexico	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		384
Virginia	ARMY			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		15,587
CONTRACTOR TOTAL						
BDM CORPORATION						
CONTRACTOR TOTAL						

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ11 (CONTINUED)					
	BENDIX FIELD ENGINEERING CORP	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	885
	BERKELEY RESEARCH ASSOCIATES	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	46
	BOOZ ALLEN & HAMILTON INC	Ohio	DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	5,236
	BOSTON COLLEGE	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	90
	BOSTON UNIVERSITY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	446
	BRIMROSE CORP OF AMERICA	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	69
	BROWN UNIV PRV ST RI PLAN	Rhode Isld	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	882
	BRUNEL UNIVERSITY	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	126
	C J LASER CORP	Ohio	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	71
	C V D EQUIPMENT CORPORATION	New York	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	CALIBER ASSOCIATES	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	97
	CALIFORNIA INST OF TECHNOLOGY	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,052
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	61
			USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	30
	STATE TOTAL				1,143
	CALIFORNIA RES & TECHNOLOGY	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	502
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	200
	STATE TOTAL				702
	CALIFORNIA STATE UNIVERSITY	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	84
	CARNEGIE-MELLON UNIVERSITY	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	617
	CASE WESTERN RESERVE UNIV	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	433
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	126
	STATE TOTAL				559
	CENTRA TECHNOLOGY CORP	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	CHAPMAN RAY & ASSOCIATES	Miss	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	35
	CHEMICAL DYNAMICS CORP	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	102
	CHOCTAW ENGINEERING COMPANY	Miss	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	728
	CITY UNIVERSITY OF NEW YORK	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	130

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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{ AMOUNTS IN THOUSANDS }

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AZ11 (CONTINUED)

		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$	80
	STATE TOTAL				210
CLARK UNIVERSITY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		45
CLARKSON UNIVERSITY	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		241
CLEMSON UNIVERSITY	S Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		112
COE-TRUMAN TECHNOLOGIES INC	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		146
COLEMAN RESEARCH CORPORATION	Florida	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		50
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		49
	STATE TOTAL				99
COLORADO SCHOOL OF MINES	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		259
COLORADO STATE UNIVERSITY	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		1,061
		OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		38
	STATE TOTAL				1,099
COLUMBIA UNIVERSITY	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		1,047
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		75
	STATE TOTAL				1,122
COMMAND SYSTEMS GROUP INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		208
CONNECTICUT, STATE OF	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		60
CONSORTIUM UNIV WASH METRO	D.C.	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		393
CONSULTANTS CHOICE INC	Georgia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		70
CONTINUUM DYNAMICS INC	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		47
CORNELL UNIVERSITY	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		4,295
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		235
	STATE TOTAL				4,530
CORPORATE-TECH PLANNING INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		153
CRESAP MCCORMICK AND PAGET	Illinois	DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		181
CRYSTAL SYSTEMS INC	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		81

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ11 (CONTINUED)					
	D C W INDUSTRIES INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$ 82
	DAEDALUS ENTERPRISES INC	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	370
	DEFENSE SYSTEMS INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	350
	DEVCOM INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	82
	DIALOG SYSTEMS INC	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	52
	DOW CHEMICAL COMPANY, THE	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	39
	DREXEL UNIVERSITY	Penn	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	245 35
	STATE TOTAL				280
	DUKE UNIVERSITY	N Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	460
	DYNAMAC CORPORATION	Maryland	DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	2,463
	DYNAMAC INTERNATIONAL INC	Maryland	DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	4,819
	DYNAMICS RESEARCH CORPORATION	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	767
	E I C LABORATORY INC	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	83
	EAGLE TECHNOLOGY INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	417
	EARTH TECHNOLOGY CORP WSTN	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	48
	EAST CAROLINA UNIVERSITY	N Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	33
	EATON CONSOLIDATED CONTROLS	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	700
	EBERT AND ASSOCIATES	New Mexico	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	51
	ELDRIDGE ASSOCIATES INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	89
	ELECTRO-MAGNETIC APPLICATION	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	EMORY UNIVERSITY	Georgia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	196
	ENGINEERS INTERNATIONAL, INC.	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	71
	ENVIRONMENTAL RES & TECHNOLOGY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	71
	ENVIRONMENTAL RSRCH INSTTE MI	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	73

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ11 (CONTINUED)					
	ESSEX CORPORATION	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	51
	ESSEX ELECTRO ENGINEERS INC	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	18,190
	EVANS, CHARLES & ASSOCIATES,	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	84
	EXTERIOR WALL SYSTEMS EWS NC	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	FAIRCHILD AIRCRAFT CORPORATION	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	624
	FAIRCHILD INDUSTRIES INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	352
	FALCOVITZ JOSEPH	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	30
	FLORIDA ATLANTIC UNIVERSITY	Florida	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	51
	FLORIDA STATE UNIVERSITY	Florida	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	75
	FLOUROCHEM INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	111
	FLOW GENERAL INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	294
	FLOW INDUSTRIES INC	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	FLOWDRILL CORP	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	FORD ARSPACE COMMUNICATIONS CORP	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	119
	FORSCHUNGSGESELLSCHAFT FUER AN	GERMANY, F	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	98
	FOSTER-MILLER INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	76
	FRAUNHAFER GESELLSCHAFT ZUR FOE	GERMANY, F	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	194
	FRONTIER TECHNOLOGY INC	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	228
	GENERAL DYNAMICS CORPORATION	California	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	676 125
	STATE TOTAL				801
	CONTRACTOR TOTAL				651
	GENERAL ELECTRIC COMPANY	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,452
		New York	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,957 2,987
	STATE TOTAL				4,944

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ11 (CONTINUED)					
	CONTRACTOR TOTAL				\$
	GENERAL IMAGING CORP	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	4,944
	GENERAL RESEARCH CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	100
		Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	594
	CONTRACTOR TOTAL				622
	GEO-CENTERS INC	D.C.	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,216
		Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	341
		New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	917
	CONTRACTOR TOTAL				142
	GEOHAZARD INC	Florida	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,400
	GEORGE WASHINGTON UNIVERSITY	D.C.	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	127
	GEORGIA STATE UNIVERSITY	Georgia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	3,053
	GEOTECHNICAL ENGINEERS INC	Mass	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	47
	GIANNOTTI & ASSOCIATES INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	38
	GINER INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	289
	GRANT J D	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	GRIMMEISS H G PROFESSOR	SWEDEN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	48
	GROUND ENGINEERING INC	Missouri	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	32
	GRUMMAN AEROSPACE CORPORATION	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	215
	GT WAREHOUSING CO INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	70
	HARDING ASSOCIATES	California	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	HARRIS CORPORATION	Florida	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	37
	HARVARD COLLEGE	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	789
	HAY SYSTEMS INC	D.C.	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	189
					250

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AZ11 (CONTINUED)

HEATHWAY INC	Florida	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$	98
HEBREW UNIVERSITY OF JERUSALEM	ISRAEL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		66
HOKENSON COMPANY THE	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		48
HONEYWELL INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		975
	Minnesota	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		210
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		100
	STATE TOTAL				310
					1,285
HORINE ENGINEERS INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		48
HUGHES AIRCRAFT COMPANY	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		936
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		789
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		60
	STATE TOTAL				1,785
HYGEIA INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		107
I I T RESEARCH INSTITUTE	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		519
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		56
		DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		11,761
	STATE TOTAL				12,336
I S I GROUP INC	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		49
IMPERIAL COLLEGE OF SCIENCE &	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		202
INDIANA UNIVERSITY	Indiana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		66
INFORMATION DYNAMICS INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		50
INFORMATION TECHNOLOGY & APP	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		187
INSTITUTE DE CHIMIE PHYSIQUE	SWITZERLAN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		61
INSTITUTE FUR EXPERIMENT PHYS	AUSTRIA	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		28
INSTITUTE OF GAS TECHNOLOGY	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		422
INSTITUTE TECH DEVL P	Miss	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		45

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ11 (CONTINUED)				
INTEGRATED SYSTEMS, INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$ 287
INTELLIGENT AUTOMATION, INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	56
INTELLITEK INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	58
INTERFEROMETRICS INC	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	566
INTERNATIONAL BUS MCHS CORP	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	309
INTERNATIONAL MICROWAVE SYS	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	76
INTERSCIENCE, INC	New York	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	467
IOWA STATE UNIV SCNC	Iowa	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	33
ISCAN INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	34
ISRAEL ATOMIC ENERGY COMM	ISRAEL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	30
ISRAEL MILITARY INDUSTRIES	ISRAEL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	2,667
ITT CORPORATION	New Jersey	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	60
J M DUNCAN	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	68
JAI ASSOCIATES	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	104
JAYCOR	California	ARMY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50 81
STATE TOTAL				131
JOHNS HOPKINS UNIVERSITY	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	203
K S E INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
KAISER OPTICAL SYSTEMS INC	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	117
KAMAN SCIENCES CORPORATION	California	DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	560
KANSAS STATE UNIVERSITY	Kansas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	140
KARAGOZIAN & CASE	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	376
KATHOLIEKE UNIVERSITEIT LEUVEN	BELGIUM	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	33
KEM TEK INC	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	48

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ11 (CONTINUED)					
	KESTREL INSTITUTE	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$ 96
	KETRON INC	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	116
	KOPIN CORP	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	58
	L B & M ASSOCIATES INC	Oklahoma	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	100
	LABORATORIO NACIONAL DE	PORTUGAL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	30
	LEE J S ASSOCIATES INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	99
	LEHIGH UNIVERSITY	Penn	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	130 34
				STATE TOTAL	164
	LIGHTING SCIENCES INC	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	LIGHTWAVE ELECTRONICS CORP	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	100
	LITTLE ARTHUR D INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	219
	LOCKHEED MISSILES & SPACE CO	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	431
	LOCUS INC	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	59
	LOUISIANA STATE UNIVERSITY	Louisiana	ARMY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	203 184
				STATE TOTAL	387
	LTV AEROSPACE & DEFENSE CO	Texas	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	52
	M/A COM LINKABIT INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	65
	MANAGEMENT COMM CNTRL	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	620
	MARTIN ACOUSTICS SFTWR TCHNLGY	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	461
	MARTIN MARIETTA CORPORATION	Maryland	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	179 1,400
				STATE TOTAL	1,579
	MASSACHSTTS INST OF TECHNOLOGY	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	66
		Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	4,698

FISCAL YEAR 1987

- R&D DESCRIPTION

DEPT

§
271
171

5,140
5,206

CONTRACTOR TOTAL

Ohio ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

GERMANY, F ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

California ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

STATE TOTAL

ILLINOIS NAVY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

California NAVY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

CANADA
ARMY
RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

Texas
ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

Maryland ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

NETHERLAND ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

Michigan ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

STATE TOTAL

Mass
USAF RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

California ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

California
ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

Miss ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

UCC KIDIE/OTHER RESEARCH & DEVELOPMENT - RESEARCH

California ARMY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

Arizona NAVY RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
AZ11 (CONTINUED)					
	MSNW INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	69
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	47
		STATE TOTAL			116
	NATIONAL ACADEMY OF SCIENCES	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	80
		D.C.	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,871
					1,951
	CONTRACTOR TOTAL				30
	NATIONAL COMPUTING CENTRE LTD	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	492
	NEW MEXICO STATE UNIVERSITY	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	28
	NEW MEXICO, STATE OF	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	158
	NEW YORK UNIVERSITY	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
	NICHOLS RESEARCH CORPORATION	Alabama	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	198
		Michigan	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	247
	CONTRACTOR TOTAL				158
	NIELSEN ENGINEERING AND RES	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,041
	NORTH CAROLINA STATE UNIV	N Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	868
			DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	43
			OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,952
	CONTRACTOR TOTAL				50
	NORTH DAKOTA ST UNIVER ALUMNI	N Dakota	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	68
	NORTH TEXAS STATE UNIVERSITY	Texas	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	250
	NORTHEASTERN UNIVERSITY CORP	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	305
	NORTHWESTERN UNIVERSITY	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	NOVACOM INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	42
	OCEAN & ATMOSPHERIC SCIENCE	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	40
	ODOMS HYDROGRAPHIC SYSTEMS INC	Louisiana	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	116
	OHIO STATE UNIVERSITY	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	

DEPARTMENT OF DEFENSE
PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AZ11 (CONTINUED)

	OKLAHOMA STATE UNIV AP SC	Oklaoma	ARMY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$
		STATE TOTAL			300
	OLD DOMINION UNIV RES FOUNDTN	Virginia	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	416
		STATE TOTAL			249
	OPCOA INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	OPTIMETRICS INC	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	299
	OREGON GRAD CNTR STUCY/RESERCH	Oregon	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	200
	ORI/INTERCON SYSTEMS CORP	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	60
	OTB MCGRAW HILL	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	260
	OUACHITA BAPTIST UNIVERSITY	Arkansas	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	P C O INC	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	5,337
	P D A ENGINEERING	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	48
	PANAMETRICS INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	829
	PENGUIN SOFTWARE INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	288
	PENNSYLVANIA STATE UNIV	Penn	ARMY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	92
		STATE TOTAL			120
	PERCEPTRON	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	PERCEPTRONICS MAN MACH SYS LTD	ISRAEL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	40
	PHYSICAL RESEARCH INC	Alabama	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	100
	PHYSICAL SCIENCE INTERESTS	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,400
	PHYSICS APPLICATIONS INC	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	38
	PINNACLE RESEARCH INSTITUTE	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,438
		STATE TOTAL			41
					47
					90
					71
					224
					35

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-
AZ11 (CONTINUED)				

AZ11 (CONTINUED)

PINSON ASSOCIATES INC	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		285
PLNG & DECISION SCIENCES INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		50
POLYTECHNIC UNIV OF NEW YORK	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		359
POTOMAC MICRO SYSTEMS INC.	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		243
POTOMAC SYNEGETICS INC	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		170
POUR LE DEVEL DE LA RECHERCHE	FRANCE	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		49
PRINCETON UNIVERSITY	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		1,050
PUBLISHING HOUSE OF ASEDL	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		86
PURDUE UNIVERSITY	Indiana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		523
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		48
		DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		1,253
		OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		35
					1,859
Q-DOT INC	Colorado	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		388
QUEEN ELIZABETH COLLEGE	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		69
R J O ENTERPRISES INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		224
RACAL RECORDERS INC	UNITED KIN	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		27
RADIATION EXPR & MONITORS	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		75
RENSSELAER POLYTECHNIC INST	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		1,176
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		95
					1,271
RESEARCH TRIANGLE INSTITUTE	N Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		56
RESOURCE CONSULTANTS INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		1,055
RESOURCE MANAGEMENT ASSOC	California	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		40
RGI INCORPORATED	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		136
RICE WILLIAM MARSH UNIVERSITY	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		175
RISO NATIONAL LABS	DENMARK	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH		63

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AZ11 (CONTINUED)

RIVERSIDE RESEARCH INSTITUTE	New York	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	85
ROCKWELL INTERNATIONAL CORP	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	175
ROHRBOGENWERK H. SIEKMANN GMBH	GERMANY, F	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	62
ROTHAMPSTEAD EXP STATION	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	42
ROYAL COLLEGE (MILITARY) OF SC	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	47
ROYAL HOLLOWAY & BEDFORD COLL	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	33
ROYAL INSTITUTION	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	35
RUTCERS, THE STATE UNIVERSITY	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	221
SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,067
SAFT AMERICA INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	5
SANJAI KOHLI	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	54
SCIENCE APPLICATIONS INTL CORP	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	607
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	80
		DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	169
		OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	267
STATE TOTAL				1,123
	Florida	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	130
	Rhode Isl	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	28
	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	226
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	324
STATE TOTAL				550
CONTRACTOR TOTAL				1,831
SCIENTIFIC RADIO SYSTEMS INC	New York	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	44
SCIENTIFIC RESEARCH ASSOC	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	60
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	96
SECO-DYN INC	STATE TOTAL			156
	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	208

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
ALL (CONTINUED)				
SEDIMENT DYNAMICS INTL	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	42
SELS INC	Tennessee	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
SHENANDOAH SYSTEMS CO INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
SIERRA GEOPHYSICS INC	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	249
	Washington	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	200
CONTRACTOR TOTAL				
SIGNAL SCIENCE INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	449
SIMTEC INC	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	702
SAY COMPUTERS INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	195
SOCIETE ANONYME DE TELECOMM	FRANCE	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	52
SOIL & MATERIAL ENGINEERS INC	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	149
SOREG NEUCLEAR RESEARCH CENTER	ISRAEL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	42
SOUTHEASTERN CTR ELEC ENG ED	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	70
SOUTHERN ILLINOIS UNIVERSITY	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	58
SOUTHWEST RESEARCH INSTITUTE	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	58
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,014
		DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	40
			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	2,104
STATE TOTAL				
SOUTHWEST SCIENCES INC	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	3,158
SPACE DATA CORPORATION	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
SPACE TECH CORP	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	48
SPECIAL ILLUMINATION SYSTEMS.	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
SPECTRA-PHYSICS, INC	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	53
SPECTRAL SCIENCES INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	99
SPIRE CORPORATION	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	100
SPRINGBORN GROUP INC	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	112
			RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	266

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ11 (CONTINUED)				
SRI INTERNATIONAL	California	ARMY DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	653 2,010
STAC, INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	2,663
STANFORD LELAND JUNIOR UNIV	California	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	3,213 250
STATE UNIVERSITY OF NEW YORK	New York	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	3,463 521 85
STEVENS INSTITUTE TECHNOLOGY	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	606
SUMX CORPORATION	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	138
SUSQUEHANNA RESOURCES ENVRNMT	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
SUTHERLAND M & ASSOCIATES	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	44
SYNECTICS CORP	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	100
SYRACUSE RESEARCH CORP	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	490
SYRACUSE UNIVERSITY	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	195
SYSTOLIC SYSTEMS INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	60
T & E INTERNATIONAL, INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
T THEODORE FUJITA	Illinois	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	83
TECH-U-FIT CORP	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	48
TECHNICAL SOLUTIONS INC	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	382
TECHNOLOGY FOR SOCIETY	NETHERLAND	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	114
TEKMARINE INC	California	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
TEL AVIV UNIVERSITY	ISRAEL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	34
TELEDYNE INDUSTRIES INC	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	149

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION
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AZ11 (CONTINUED)

TETRA CORPORATION	New Mexico	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	\$ 383
TEXAS A & M UNIVERSITY SYSTEM	Miss	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	43
	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	666
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	88
		OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	61
	STATE TOTAL			815
				858
				116
TEXAS INSTRUMENTS INCORPORATED	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	200
	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	642
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	842
	STATE TOTAL			958
				238
TEXAS RESEARCH INSTITUTE INC	Texas	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	30
THE HATFIELD POLYTECH CENTRE	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	43
TOOMAY MATHIS & ASSOCIATES.	Montana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	640
TOWERS PERRIN FORSTER & CROSBY	Illinois	DLA	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	47
TRACOR-HYDRONAUTICS, INC	Maryland	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	140
TUFTS UNIVERSITY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	44
TULANE UNIV	Louisiana	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	43
TULANE UNIVERSITY	Louisiana	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	45
TUNZINI NESSI ENTREPRISES D'EQ	FRANCE	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
ULTRAMET	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
ULTROX INTERNATIONAL	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	78
UNIFIED INDUSTRIES INC	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	28
UNITED SPACE BOOSTERS, INC	Alabama	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	70
UNITED TECHNOLOGIES CORP	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	

CONTRACTOR TOTAL

CONTRACTOR TOTAL

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AZ11 (CONTINUED)

	UNIV OF SOUTHWESTERN LA	Louisiana	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	80
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	65
	UNIVERSIDADE NOVA DE LISBOA	PORTUGAL			215
	UNIVERSITA DI MODENA	ITALY	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	35
	UNIVERSITE PIERRE &MARIE CURIE	FRANCE	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	99
	UNIVERSITY COLLEGE OF GALWAY	IRELAND	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	26
	UNIVERSITY OF ALABAMA	Alabama	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	28
	UNIVERSITY OF ALASKA	Alaska	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	UNIVERSITY OF ALBERTA	CANADA	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	66
	UNIVERSITY OF ARIZONA	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	170
	UNIVERSITY OF BATH	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	97
	UNIVERSITY OF BRISTOL	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	40
	UNIVERSITY OF CAL SAN DIEGO	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	272
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	97
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	70
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,025
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	30
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,055
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	3,394
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	214
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	178
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	32
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	3,818
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	116
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	151
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	281
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	93
			ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	374

CONTRACTOR TOTAL

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ11 (CONTINUED)					
	UNIVERSITY OF COLORADO	Colorado	ARMY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,094 47
		STATE TOTAL			1,141
	UNIVERSITY OF CONNECTICUT	Conn	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	494 101
		STATE TOTAL			595
	UNIVERSITY OF DAYTON	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	180
	UNIVERSITY OF DELAWARE INC	Delaware	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	591 210
		STATE TOTAL			801
	UNIVERSITY OF DENVER	Colorado	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	190
	UNIVERSITY OF FLORIDA	Florida	ARMY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	678 118
		STATE TOTAL			796
	UNIVERSITY OF GEORGIA	Georgia	ARMY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	208 34
		STATE TOTAL			242
	UNIVERSITY OF HAIFA	ISRAEL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	88
	UNIVERSITY OF HOUSTON SYSTEM	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	413
	UNIVERSITY OF ILLINOIS	Illinois	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	3,914 306
		STATE TOTAL			4,220
	UNIVERSITY OF IOWA THE	Iowa	NAVY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	64 125
		STATE TOTAL			189
	UNIVERSITY OF KANSAS	Kansas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	126
	UNIVERSITY OF KANSAS CENTER	Kansas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	68
	UNIVERSITY OF KENTUCKY	Kentucky	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	102
	UNIVERSITY OF LEEDS	UNITED KING	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	28

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
AZ11: (CONTINUED)					
	UNIVERSITY OF LIEGE	BELGIUM	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	99
	UNIVERSITY OF LONDON	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	139
	UNIVERSITY OF MANCHESTER INSTI	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	193
	UNIVERSITY OF MARYLAND	Maryland	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,411
		STATE TOTAL			1,411
	UNIVERSITY OF MASSACHUSETTS	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,006
	UNIVERSITY OF MIAMI INC	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	35
	UNIVERSITY OF MICHIGAN	Michigan	ARMY NAVY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,890 76 26
		STATE TOTAL			1,992
	UNIVERSITY OF MINNESOTA	Minnesota	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	465
	UNIVERSITY OF MISSISSIPPI	Miss	ARMY OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	74 33
		STATE TOTAL			107
	UNIVERSITY OF MISSOURI	Missouri	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	344
	UNIVERSITY OF NEBRASKA	Nebraska	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	187
	UNIVERSITY OF NEW MEXICO	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	129
	UNIVERSITY OF NORTH CAROLINA	N Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	226
	UNIVERSITY OF NOTRE DAME	Indiana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	163
	UNIVERSITY OF NOTTINGHAM	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	62
	UNIVERSITY OF OKLAHOMA	Oklahoma	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	277
	UNIVERSITY OF OXFORD	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	26
	UNIVERSITY OF PENNSYLVANIA	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,795
	UNIVERSITY OF PITTSBURGH	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	466
	UNIVERSITY OF READING	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	67

GRANTS IN AID OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

NAME	STATE	DEPT	R&D DESCRIPTION	\$
UNIVERSITY OF RHODE ISLAND	Rhode Island	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	284
UNIVERSITY OF ROCHESTER	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,730
UNIVERSITY OF SOUTH CAROLINA	S Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	122
UNIVERSITY OF SOUTHERN CALIF	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,624
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	334
	STATE TOTAL			1,958
UNIVERSITY OF SOUTHERN MISS	Miss	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	49
UNIVERSITY OF SURREY	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	31
UNIVERSITY OF TECHNOLOGY	UNITED KIN	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	35
UNIVERSITY OF TENNESSEE	Tennessee	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	61
		OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	33
	STATE TOTAL			94
UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,981
UNIVERSITY OF UTAH	Utah	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	522
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	274
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	124
	STATE TOTAL			920
UNIVERSITY OF VERMONT	Vermont	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	69
UNIVERSITY OF VIENNA	AUSTRIA	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	28
UNIVERSITY OF VIRGINIA	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	489
UNIVERSITY OF WASHINGTON	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,227
UNIVERSITY OF WISCONSIN SYSTEM	Wisconsin	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	1,546
		OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	87
	STATE TOTAL			1,633
UNIVERSITY OF WYOMING	Wyoming	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	47
UNIVERSITY RES FOUNDATION	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
V R A INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50

ALL CONTINUED

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ11 (CONTINUED)					
	VANDERBILT UNIVERSITY THE	Tennessee	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	110
	VECTOR RESEARCH INC	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	171
	VERAC INCORPORATED	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	80
	VERITAY TECHNOLOGY INC	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	50
	VIGYAN RESEARCH ASSOCIATES INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	47
	VIRGINIA PLYTECHNIC INST/ST UNI	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	168
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	78
			OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	82
					328
	WALLACE T H INC	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	3,052
	WASHINGTON UNIVERSITY	Missouri	OCE	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	38
	WAYNE STATE UNIVERSITY	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	194
	WEIDLINGER ASSOCIATES INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	29
		New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	164
					193
	CONTRACTOR TOTAL				73
	WEIZMANN INSTITUTE THE	ISRAEL	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	185
	WESTERN RESEARCH CORPORATION	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	485
	WESTINGHOUSE ELECTRIC CORP	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	173
		Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	658
	CONTRACTOR TOTAL				80
	WICKERSHEIMER ENGINEERS	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	40
	WILSON-HILL ASSOCIATES INC	D.C.	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	90
	WOODWARD-CLYDE CONSULTANTS	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	54
	XEROX CORPORATION	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	682
	YALE UNIVERSITY	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	284
	YESHIVA UNIVERSITY	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ11 (CONTINUED)					
	ZETA TECH ASSOC	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-RESEARCH	28
	R&D TOTAL				218,150
AZ12	A I CORPORATION	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	477
	A T & T TECHNOLOGIES INC	N Carolina	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	210
	ADVANCED TECHNOLOGY INC	Florida	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	1,018
	AERODYNE RESEARCH INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	624
	AEROVIRONMENT, INC.	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	47
	AKER INDUSTRIES INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	58
	ALLIED-SIGNAL INC	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	850
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	STATE TOTAL				899
	CONTRACTOR TOTAL				46
	AMERICANENERGY VALVE CO	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	945
	ANRO ENGINEERING CONSULTANTS	Texas	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	48
	APFEL ENTERPRISES INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	APPLICATIONS RESEARCH CORP	Conn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	APPLIED PHYSICS TECHNOLOGY	Ohio	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	771
	APPLIED RESEARCH ASSOCIATES	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	29
		New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	152
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	56
	STATE TOTAL				208
	CONTRACTOR TOTAL				249
	ARIZONA STATE UNIVERSITY	N Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	457
	ARMAMENT SYSTEMS INC	Arizona	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	135
	BAKER WILFRED ENGINEERING	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	568
		Texas	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	250

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ12 (CONTINUED)					
	BARNES ENGINEERING COMPANY	Conn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	104
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	299 92
			STATE TOTAL		391
	BBN LABORATORIES	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	165
	BDM CORPORATION	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	300
	BEDFORD RESEARCH ASSOCIATES	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	55
	BEHAVIORAL RESEARCH ASSOC	Indiana	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	47
	BELL HELICOPTER TEXTRON INC	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	159
	BLACK & VEATCH	Missouri	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	108
	BOEING COMPANY THE	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	100
	BOS ENGINEERING P.C.	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	73
	C B & F ASSOCIATES	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	37
	CADILLAC GAGE COMPANY	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	62
	CALIFORNIA RES & TECHNOLOGY	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	147
	CALSPAN CORPORATION	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	58
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	249 63
			STATE TOTAL		312
	CARLOW ASSOCIATES INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	160
	CARNEGIE-MELLON UNIVERSITY	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	88
	CARTWRIGHT ENGINEERING INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	CEF INDUSTRIES, INC.	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	53
	CHAMBERLAIN MANUFACTURING CORP	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	394
	COASTAL MARINE RESEARCH INC	New Jersey	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	115
	COLUMBIA UNIVERSITY	New York	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	118

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
	COMPUSEC INC	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	CREATIVE OPTICS INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	250
	DAVID SARNOFF RESEARCH LABS	New Jersey	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	520
	DELFIN SYSTEMS	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	277
	DONOHUE & ASSOCIATES INC	Wisconsin	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	30
	DRAPER CHARLES STARK LAB INC	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	118
	DREXEL UNIVERSITY	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	DWA COMPOSITE SPECIALTIES INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	DYNA EAST CORPORATION	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	75
	DYNAMIC SCIENCE INC	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	226
	E A I CORPORATION	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	73
	EAGLE-PICHER INDUSTRIES INC	Oklahoma	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	78
	EASTPORT INTERNATIONAL INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	417
	ELECTRO-OPTIK CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	ELECTROSPACE SYSTEMS INC	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	67
	EMMANUEL COLLEGE	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	510
	ENERGY COMPRESSION RESEARCH	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	240
	ENERGY DATA SYSTEMS	Michigan	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	37
	EPSILON LAMBDA ELECTRONICS	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	497
	ESSEX CORPORATION	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	121
	EXAC CORP	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	25
	FAIRCHILD INDUSTRIES INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	524
	FASTMAN INC	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	FLOW INDUSTRIES INC	Washington	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	80
	FMC CORPORATION	Minnesota	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	1,121

A211 (CONTINUED)

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ12 (CONTINUED)					
	FORD ARSPACE COMMUNICATIONS CORP	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	250
	FOSTER-MILLER INC	Mass	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	497 73
		STATE TOTAL			570
	G T E LABORATORIES INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	107
	GA TECHNOLOGIES INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	440
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	165
		Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	55
		CONTRACTOR TOTAL			220
	GENERAL ELECTRIC COMPANY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	1,461
		New York	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	55
		Ohio	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	2,850
		CONTRACTOR TOTAL			4,366
	GENERAL MANAGEMENT SYSTEMS INC	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	GENERAL MGT ASSOCIATES	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	76
	GENERAL MOTORS CORPORATION	Indiana	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	750
	GENERAL RESEARCH CORPORATION	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	30
	GEO-CENTERS INC	D.C.	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	642
		Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	65
		CONTRACTOR TOTAL			707
	GEOMET INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	GEORGE WASHINGTON UNIVERSITY	D.C.	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	76
	GEORGIA INSTITUTE TECHNOLOGY	Georgia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	150
	GIANNOTTI & ASSOCIATES INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	53
	GOLDSWORTHY ENGINEERING INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	127

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ12 (CONTINUED)				
GOODRICH B F COMPANY THE	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	181
H R TEXTRON INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	500
HARRIS CORPORATION	Florida	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	200
HOKENSON COMPANY THE	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	361
HONEYWELL INC	Minnesota	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	1,200
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	205
	STATE TOTAL			1,405
HUGHES AIRCRAFT COMPANY	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	400
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	759
	STATE TOTAL			1,159
HUMERO INTERNATIONAL INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	40
I A P RESEARCH INC	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
I I T RESEARCH INSTITUTE	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	189
I L C DATA DEVICE CORP DEL	Delaware	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	647
I L C INDUSTRIES (DELAWARE)	Delaware	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	60
INDUSTRIAL QUALITY INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	STATE TOTAL			100
INSTITUTE OF GAS TECHNOLOGY	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	778
JAYCOR	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	76
K M S FUSION INC	Michigan	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
K M S INDUSTRIES INC	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	113
KAMAN AEROSPACE CORPORATION	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	69
KEO CONSULTANTS	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	108
KETRON INC	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	187
KOR ELECTRONICS	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	92

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	
AZ12 (CONTINUED)					
	LASER SCIENCE, INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	\$ 354
	LEAR SIEGLER INC	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	32
	LITTON SYSTEMS INC	Florida	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	600
	LOCKHEED MISSILES & SPACE CO	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	5,579
	LOGICON INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	135
	LOGISTICS MANAGEMENT ENGRG	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	251
	MACROMAN INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	MAGNAVOX GOVT & INDUST ELECTR	Indiana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	151
	CONTRACTOR TOTAL	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	1,000
					1,151
	MARTIN MARIETTA CORPORATION	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	250
	MASSACHUSETTS INST OF TECHNOLOGY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	288
	MATERIALS ANALYSIS INC	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	48
	MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	279
		Missouri	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	946
	CONTRACTOR TOTAL				1,225
	MC DONNELL DOUGLAS HELICOPTER	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	3,258
	MISSION RESEARCH CORPORATION	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	180
	N K F ENGINEERING ASSOCIATES	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	NEW ENGLAND RESEARCH INC	Vermont	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	42
	NICHOLS RESEARCH CORPORATION	Alabama	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	OCEAN & ATMOSPHERIC SCIENCE	New York	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	OHIO STATE UNIVERSITY	Ohio	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	100
	OKLAHOMA STATE UNIV AP SC	Oklahoma	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	592
	OPTRA INC	Conn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ12 (CONTINUED)	OREGON STATE UNIVERSITY	Oregon	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	77
	PACIFIC SIERRA RESEARCH CORP	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	370
	PAGE AUTMTD TELECOM SYS INC	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	PARKE MATHEMATICAL LABS	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	105
	PHOTO METRIC INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	558
	PIASECKI AIRCRAFT CORP	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	540
	PICKARD LOWE&GARRICK, INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	POLYTECHNIC UNIV OF NEW YORK	New York	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	PRINCETON UNIVERSITY	New Jersey	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	242
	PRISMROID OPTICAL	Minnesota	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	QUANTIC INDUSTRIES, INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	200
	R D P INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	40
	RADANT SYSTEMS INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	350
	RADEX INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	618
	RADIATION RESEARCH ASSOCIATES	Texas	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	100
	RALCON	Utah	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	RAYTHEON COMPANY	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	80
	RCA CORPORATION	New Jersey	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	168
	REMTECH INC	Alabama	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	ROCKWELL INTERNATIONAL CORP	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	164
	ROYAL ORDNANCE AMMUNITION LTD	UNITED KIN	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	54
	S & D DYNAMICS INC	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	68
	S S G INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	190
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	104
	SCIENCE APPLICATIONS INTL CORP	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	224

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ12 (CONTINUED)				
CONTRACTOR TOTAL				
SCIENTIFIC SYSTEMS INC	Florida	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	462
	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	74
				760
CONTRACTOR TOTAL				
	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	59
	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	58
				117
CONTRACTOR TOTAL				
SENTIENT SYSTEMS TECHNOLOGY	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
SOCIETY OF AUTO ENGINEERS	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	168
SOUTHERN RESEARCH INSTITUTE	Alabama	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	215
SPARTA INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	419
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	97
				516
STATE TOTAL				
SPECTRA-PHYSICS, INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	77
SPIRE CORPORATION	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	69
SRI INTERNATIONAL	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	95
STANFORD LELAND JUNIOR UNIV	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	40
STEVENS INSTITUTE TECHNOLOGY	New Jersey	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	48
STRAIN OPTIC TECHNOLOGIES INC	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
SUBSEA ENGINEERING ASSOCIATES	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	400
SUNDSTRAND CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	1,698
SUNOL SCIENCES CORP	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
SYSTEMS EXPLORATION INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	141
TACAN CORPORATION	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	77
TAU CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
				99
STATE TOTAL				

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ12 (CONTINUED)					
	TECHNICAL SOLUTIONS INC	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	TELEDYNE INDUSTRIES INC	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	148
	TEXAS A & M UNIVERSITY SYSTEM	Texas	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	100
	TEXAS INSTRUMENTS INCORPORATED	Texas	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	620
	TINI ALLOY COMPANY	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	TSI INCORPORATED	Minnesota	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	49
	UNITED TECHNOLOGIES CORP	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	291
		Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	500
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	492
				STATE TOTAL	992
		Florida	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	500
			USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	300
				STATE TOTAL	800
	CONTRACTOR TOTAL				2,083
	UNIVERSITY OF ILLINOIS	Illinois	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	811
	UNIVERSITY OF KENTUCKY	Kentucky	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	80
			USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	99
				STATE TOTAL	179
	UNIVERSITY OF LOUISVILLE	Kentucky	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	32
	UNIVERSITY OF MARYLAND	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	57
	UNIVERSITY OF TEXAS SYSTEM	Texas	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	60
	UNIVERSITY OF UTAH	Utah	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	1,400
	UNIVERSITY OF VIRGINIA	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	77
	VIASAT INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	50
	WALLACE T H INC	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	1,210
	WASHINGTON UNIVERSITY	Missouri	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	57
	WOODWARD-CLYDE CONSULTANTS	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	175

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ12 (CONTINUED)					
	WRIGHT STATE UNIVERSITY	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	71
	XMCO INC	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-EXP DEV	53
	R&D TOTAL				59,412
AZ13	A A I CORPORATION	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	260
	A P A OPTICS INC	Minnesota	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	113
	AEROPHYSICS COMPANY INC	D.C.	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	103
	ALLIED-SIGNAL INC	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	666
	ALUMINUM COMPANY OF AMERICA	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	85
	ANACAPA SCIENCES INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	497
	ANALYTIC SCIENCES CORP THE	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	560
	ATLANTIC APPLIED RESEARCH	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	50
	B-K DYNAMICS INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	313
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	1,009
	BOEING COMPANY THE	Alabama	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	391
		Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	9,800
		Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	4,987
		Washington	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	431
	CONTRACTOR TOTAL				15,609
	C M S RESEARCH CORPORATION	Alabama	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	186
	C V D INCORPORATED	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	405
	CANADIAN COMMERCIAL CORPORATN	CANADA	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	51
	CARNEGIE-MELLON UNIVERSITY	Penn	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	16,410
	CORDEC CORPORATION	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	304
	DIVERSIFIED ENGINEERING INC	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	328
	EDUCATIONAL TESTING SERVICE.	New Jersey	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	182

DEPARTMENT OF DEFENSE

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ13 (CONTINUED)					
	ENIG ASSOCIATES INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	83
	EXTREL CORPORATION	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	204
	GA TECHNOLOGIES INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	1,450
	GENERAL DYNAMICS CORPORATION	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	1,600
	GENERAL ELECTRIC COMPANY	New York	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	345
	GIANNOTTI & ASSOCIATES INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	35
		Texas	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	44
	CONTRACTOR TOTAL				79
	GIORDANO ASSOCIATES INC	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	1,351
	GRUMMAN AEROSPACE CORPORATION	Alabama	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	32
		New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	2,174
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	43
	STATE TOTAL				2,217
	CONTRACTOR TOTAL				2,249
	HONEYWELL INC	Minnesota	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	1,327
		Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	255
	CONTRACTOR TOTAL				1,582
	I L C DATA DEVICE CORP DEL	Delaware	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	300
	INTERNATIONAL BUS MCHS CORP	New York	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	11,422
	JAYCOR	D.C.	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	120
	K M S FUSION INC	Michigan	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	250
	KANSAS STATE UNIVERSITY	Kansas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	26
	LOCKHEED MISSILES & SPACE CO	Alabama	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	359
	CONTRACTOR TOTAL	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	344
					703

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ13 (CONTINUED)					
	MASSACHSETTS INST OF TECHNOLOGY	Mass	NAVY USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	\$ 225 373,789
	STATE TOTAL				374,014
	MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	14,825
	MISSOURI	Missouri	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	302
	CONTRACTOR TOTAL				15,127
	MEASUREMENT TECHNOLOGY	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	79
	METAL POWDER INDS FEDERATION	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	155
	METEOR COMMUNICATIONS CORP	Washington	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	176
	MITRE CORPORATION THE	Virginia	ARMY NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	96 51
	STATE TOTAL				147
	MORTON THIOKOL INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	30
	MSNW INC	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	50
	NEW MEXICO INST OF MIN TCHNLGY	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	1,396
	NIELSEN ENGINEERING AND RES	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	45
	NORTH CAROLINA STATE UNIV	N Carolina	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	60
	OLIN CORPORATION	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	455
	PMI INDUSTRIES INC	Ohio	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	88
	R & D ASSOCIATES	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	48
	RADEX INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	160
	RAYTHEON SERVICE COMPANY	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	448
	RESPONSE ANALYSIS CORPORATION	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	102
	RGI INCORPORATED	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	96
	CONTRACTOR TOTAL	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	97
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	193
					765

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZI3 (CONTINUED)					
	SCIENCE APPLICATIONS INTL CORP	Florida	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	930
		Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	224
	CONTRACTOR TOTAL				1,154
	SPIRE CORPORATION	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	148
	TECOLOTE RESEARCH INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	722
	UNIDYNAMICS CORPORATION	Arizona	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	100
	UNITED TECHNOLOGIES CORP	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	636
	UNIVERSITY OF ARIZONA	Arizona	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	540
	UNIVERSITY OF CAL SAN DIEGO	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	164
	UNIVERSITY OF FLORIDA	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	2,347
	VARIAN ASSOCIATES INC	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	921
	WESTINGHOUSE ELECTRIC CORP	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	31
		Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ADV DEV	70
	CONTRACTOR TOTAL				101
	R&D TOTAL				459,266
AZI4	A P A OPTICS INC	Minnesota	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	50
	ADVANCED DIGITAL SYSTEM INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	189
	ADVANCED MECH TECHNOLOGY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	172
	ALLEN CORPORATION OF AMERICA	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	746
	AMERICAN RES CORP VIRGINIA	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	59
	ANALYTIC APPLICATIONS INC	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	50
	ANALYTICS INCORPORATED	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	3,970
	APPLIED RESEARCH ASSOCIATES	New Mexico	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	129
	AUTOMATED ANALYSIS CORPORATION	Michigan	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	50
	BATTELLE MEMORIAL INSTITUTE	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	383

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
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AZ14 (CONTINUED)

BDM CORPORATION	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	\$	3,877
BOOZ ALLEN & HAMILTON INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		9,728
CINCINNATI CONTROL DYNAMICS	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		134
COMMAND CONTRL COMMUNICATIONS	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		2,706
COURTAULDS ADVANCED MATERIAL	UNITED KIN	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		49
CRAY ADVANCED MATERIALS	UNITED KIN	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		40
CREATIVISION INC	Florida	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		116
E A I CORPORATION	Maryland	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		124
EDUCATIONAL TESTING SERVICE,	New Jersey	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		483
ELECTROSPACE SYSTEMS INC	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		968
	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		3,412
CONTRACTOR TOTAL					4,380
ENGINEERED AIR SYSTEMS INC	Missouri	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		295
GENERAL DYNAMICS CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		208
GENERAL ELECTRIC COMPANY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		300
GENERAL MOTORS CORPORATION	Indiana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		397
GEORGIA INSTITUTE TECHNOLOGY	Georgia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		767
GTE PRODUCTS CORP DEL CORP	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		269
GUMBS ASSOCIATES INC	New Jersey	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		50
H S S INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		59
HONEYWELL INC	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		5,000
INDUSTRIAL QUALITY INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		50
INTERNATIONAL BUS MCHS CORP	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		137
KANCOTE INC	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		50
KDI PRECISION PRODUCTS INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		200

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION		\$
AZ14 (CONTINUED)						
	LCF ENTERPRISES	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		49
	LEHIGH UNIVERSITY	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		67
	LITTON SYSTEMS INC	Conn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		91
	MAGNAVOX GOVT & INDUST ELECTR	Indiana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		70
	MANDEX INC	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		119
		Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		255
	CONTRACTOR TOTAL					374
	MC DONNELL DOUGLAS CORPORATION	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		694
	MITRE CORPORATION THE	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		344,829
	MOTOROLA INC	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		199
	ORION INTL TECHNOLOGIES	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		1,222
	PHYSICAL DYNAMICS INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		50
	PHYSICAL SCIENCES INC	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		60
	PRODUCT PLANNING INC	Illinois	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		50
	RAYTHEON COMPANY	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		229
	RUPPRECHT & PATASHNICK CO INC	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		50
	SCIENCE APPLICATIONS INTL CORP	Alabama	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		2,545
		Florida	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		2,722
	CONTRACTOR TOTAL					5,267
	SCIENTIFIC TECHNOLOGY, INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		60
	SIGMA RESEARCH INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		49
	SIGNAL SCIENCE INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		325
	SOL TELECOMMUNICATION SERVICE	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		70
	STANFORD TELECOMMUNICATIONS	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		1,900
	SYSTEM PLANNING CORPORATION	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV		843

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ14 (CONTINUED)					
	SYSTEMS EXPLORATION INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	354
	SYSTEMS RESEARCH LABORATORIES	Ohio	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	607
	TACAN CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	50
	TITAN CORPORATION	GERMANY, F	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	809
	TRW INC	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	610
	XETRON CORPORATION	Ohio	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-ENGR DEV	417
	R&D TOTAL				394,612
AZ15	AMRON CORPORATION	Virginia	NAVY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	119
	ATOM SCIENCES INC	Tennessee	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	631
	AVCO CORPORATION	Florida	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	64
	BDM CORPORATION	New Mexico	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	6,478
	BIRGE W A ASSOCIATES	Florida	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	53
	BOLT BERANEK & NEWMAN INC	Mass	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	263
	CACI INTERNATIONAL INC	Virginia	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	593
	DARTMOUTH COLLEGE	N.H.	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	535
	DYNAMAC INTERNATIONAL INC	Maryland	NAVY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	32
	ENSCO INC	Florida	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	30
	FEMMECAMP INC	Virginia	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	50
	GENERAL RESEARCH CORPORATION	D.C.	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	329
	GOULD INC	Maryland	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	106
	HARRIS CORPORATION	Florida	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	170
	HUGHES AIRCRAFT COMPANY	California	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	138
	I I T RESEARCH INSTITUTE	Illinois	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	35,208
	IOWA STATE UNIV SCNC	Iowa	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	60
	KETRON INC	Maryland	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	398

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ15 (CONTINUED)					
	LASER APPLICATIONS INC	Florida	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	145
	LIGHT AGE INC	California	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	277
	LOCKHEED ELECTRONICS COMPANY	New Mexico	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	9,131
	LOGISTICS MANAGEMENT INST	Maryland	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	14,415
	MAGNAVOX GOVT & INDUST ELECTR	New Jersey	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	1,000
	MANDEX INC	Arizona	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	1,843
	MC LEAN RESEARCH CENTER, INC	Virginia	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	85
	NEW HAMPSHIRE UNIVERSITY SYS	N.H.	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	37
	NICHOLS RESEARCH CORPORATION	Alabama	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	50
	PRINCETON UNIVERSITY	New Jersey	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	100
	R & D ASSOCIATES	California	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	190
	RGI INCORPORATED	Virginia	NAVY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	179
	SACHS FREEMAN ASSOCIATES INC	Maryland	NAVY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	80
	SCIENCE APPLICATIONS INTL CORP	Florida	NAVY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	611
	SPACE QUALIFIED SYSTEMS CORP	D.C.	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	70
	SRS TECHNOLOGIES	Alabama	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	455
	SYSTEM DEVELOPMENT CORPORATION	Virginia	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	161
	TELEDYNE INDUSTRIES INC	California	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	140
		Texas	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	2,158
		Virginia	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	112
	CONTRACTOR TOTAL				2,410
	TITAN CORPORATION	Virginia	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	2,029
	TRW INC	California	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	11,253
		Virginia	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	210
	CONTRACTOR TOTAL				11,463

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ15 (CONTINUED)					
	UNICOM SYSTEMS INC DEL	New York	USAF	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	1,412
	UNITED TECHNOLOGIES CORP	Florida	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	2,772
	UNIVERSITY OF COLORADO	Colorado	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	91
	UNIVERSITY OF DELAWARE INC	Delaware	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	28
	UNIVERSITY OF IOWA THE	Iowa	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	50
	UNIVERSITY OF MICHIGAN	Michigan	NAVY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	120
	UNIVERSITY OF VERMONT	Vermont	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	63
	UNIVERSITY OF WASHINGTON	Washington	ARMY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	42
	VEDA INCORPORATED	Virginia	NAVY	RDTE/OTHER RESEARCH&DEVELOPMENT-OP SYS DEV	211
	R&D TOTAL				94,777
AZ16 A P A OPTICS INC					
	ADVANCED INFORMATION	Minnesota	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	ADVANCED MECH TECHNOLOGY	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	174
	ADVANCED SYSTEMS CONCEPTS INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	AERON CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	47
	AERODYNE RESEARCH INC	New Jersey	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	ANCO ENGINEERS INC	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	45
	APPLIED RESEARCH ASSOCIATES	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	48
	ARMAMENT SYSTEMS INC	N Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	193
	CONTRACTOR TOTAL	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	ATLANTIC RESEARCH CORPORATION	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	BAKER WILFRED ENGINEERING	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	100
	BATTERY ENGINEERING	Texas	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	109
	BEND RESEARCH INC	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	194
	BENDIX FIELD ENGINEERING CORP	Oregon	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	447
		D. C.	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	59 -
					59

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ16 (CONTINUED)					
	CONTRACTOR TOTAL				
	BERKELEY RESEARCH ASSOCIATES	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	82
	BIO METRIC SYSTEMS INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	141
	BITE INC	Minnesota	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	180
	BONNEVILLE SCIENTIFIC INC	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	286
	C F ELECTRONICS INC	Utah	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	46
	CALSPAN CORPORATION	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	CARLOW ASSOCIATES INC	Tennessee	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	56
	CARNEGIE GROUP INC	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50,860
	CASTLE TECHNOLOGY CORP	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	CHI SYSTEMS INC	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	47
	CLEVELAND CRYSTALS INC	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	192
	COMPUTER SCIENCE INNOVATIONS	Ohio	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	52
	COMPUTER SCIENCES CORPORATION	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	48
	CRYSTAL SYSTEMS INC	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	26
	DECISION SCIENCE CONSORTIUM	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	2,514
	DELFIN SYSTEMS	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	DISPLAYTECH INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	150
	DYNACORP (INC)	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	EL DORADO ENGINEERING INC	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	EMEC CORPORATION	Arizona	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	3,751
	ENERGY SCIENCE LABORATORIES	Utah	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	195
	ESSEX CORPORATION	Penn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	49
	FIBER MATERIALS INC	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	62
		Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
		Maine	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	67

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	-R&D DESCRIPTION-	\$
AZ16 (CONTINUED)					
	FOSTER-MILLER INC	Mass	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	66
	GENERAL AERO PRODUCTS. CORP	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	GENERAL ELECTRIC COMPANY	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	199
	GENERAL SCIENCES INC	Penn	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	49
	GTE GOVERNMENT SYSTEMS INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	438
	GTE PRODUCTS CORP DEL CORP	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	118
	HORIZONS TECHNOLOGY INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	67
	HOUTZ INSTRUMENT & MACHINE	Penn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	I A P RESEARCH INC	Ohio	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	51
	INFORMATION SYSTEMS NTRKS CORP	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	376
	INFOSYSTEMS TECHNOLOGY INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	284
	INTEGRATED CHEMICAL SENSORS	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	336
	INTEGRATED SYSTEMS ANALYSTS	D C	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	960
		Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	261
	CONTRACTOR TOTAL				1,221
	INTERACTIVE INTELL IMAGERY CO	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	INTERNATIONAL INFO SYSTEMS	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	62
	J K RESEARCH	Montana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	J-TEC ASSOCIATES INC	Iowa	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	49
	JAYCOR	Rhode Isl	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	46
	K S E INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	LASER SCIENCE. INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	99
	LIGHTWAVE ELECTRONICS CORP	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	LITTLE ARTHUR D INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	559
	M L ENERGIA INC	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

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(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	DESCRIPTION	\$
AZ16 (CONTINUED)					
	MAINTENANCE REQUIREMENTS INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	MANAGEMENT COMM CNTRL	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	180
	MANDEX INC	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	55
	MEMBRANE TECHNOLOGY & RES	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	60
	MERIX CORPORATION	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	263
	MICHIGAN STATE UNIVERSITY	Michigan	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	36
	MYSTECH ASSOCIATES INC	Conn	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	47
	N K F ENGINEERING ASSOCIATES	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	NEW MEXICO INST OF MIN TECHNGY	New Mexico	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	508
	NICHOLS RESEARCH CORPORATION	Alabama	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	182
	NTS ENGINEERING	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	82
	ODETICS INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	291
		NAVY	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	477
				STATE TOTAL	768
	ONIX CORPORATION	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	434
	ONIX CORPORATION	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	132
	ONIX SYSTEMS INC	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	86
	ONIX CORPORATION	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	200
	ONIX MAIN & CO	New York	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	77
	ONIX INC	N Carolina	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	66
	ONIX INTEGRATION LTD	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	401
	ONIX	Washington	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	ONIX	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	188
	ONIX	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	370
	ONIX	New Jersey	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	56

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DOLLAR SUMMARY OF FEDERAL SUPPLY CLASSIFICATION AND
SERVICE CATEGORY BY C. (U) WASHINGTON HEADQUARTERS
SERVICES (DOD) DC DIRECTORATE FOR INF.. 1987

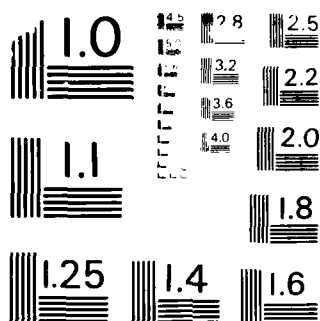
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ16 (CONTINUED)					
	PROFESSIONAL MANAGEMENT ASSOC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	\$ 42
	PROGRESSIVE LRNG UNVSL MGMT	Maryland	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	49
	Q-DOT INC	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	44
	QUANTEX CORPORATION	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	QUESTECH INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	200
	RESOURCE TECHNOLOGIES GROUP	W Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	52
	ROBOTIC TECHNOLOGY INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	49
	SCIENTIFIC RESEARCH ASSOC	Conn	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	250
	SOFTWELL ASSOCIATES INC	N.H.	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	SOHAR INCORPORATED	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	241
	SPARTA INC	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
			NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
			USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	74
	STATE TOTAL				174
	SRS TECHNOLOGIES	Alabama	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	90
		California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
			USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	1,613
	CONTRACTOR TOTAL				1,663
	SSDS INC	Colorado	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	1,753
	STANFORD TELECOMMUNICATIONS	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	85
		Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	2,193
	CONTRACTOR TOTAL				27
	STATE UNIVERSITY OF NEW YORK	New York	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	2,220
	SVERDRUP TECHNOLOGY INC	Tennessee	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	40
	SYMBIOTECH INC	Conn	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	53,736
					50

PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	\$
AZ16 (CONTINUED)					
	SYNETICS CORPORATION	Mass	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 52
	SYSTEM DEVELOPMENT CORPORATION	Virginia	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 155
	SYSTEMS & PROCESSES ENGRG	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 50
	SYSTRAN CORP	Ohio	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 52
	TACAN CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 49
		USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 46	
		STATE TOTAL			95
	TAU CORPORATION	California	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 50
	TECHNIWEAVE INC	N.H.	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 146
	TRANS AMERICAN IMMUNOLOGY INC	Mass	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 50
	TRUSTED INFORMATION SYSTEMS	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 117
	TRUSTED NETWORKING INC	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 67
	TYBRIN CORPORATION	Florida	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 348
	ULTRASYSYSTEMS INCORPORATED	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 200
	UNIQUE MOBILITY INC	Colorado	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 485
	UNIVERSAL ENERGY SYSTEMS INC	Ohio	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 50
	UNIVERSAL SENSORS INC	Louisiana	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 375
	UNIVERSAL TECHNOLOGY CORP	Ohio	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 50
	UNIVERSITY OF MARYLAND	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 171
		NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 30	
		STATE TOTAL			201
	UNIVERSITY OF TEXAS SYSTEM	Texas	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 177
	VERAC INCORPORATED	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 152
		Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 201
	CONTRACTOR TOTAL				353
	VERITAY TECHNOLOGY INC	New York	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT	SUP 50

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DEPARTMENT OF DEFENSE
PRIME CONTRACTS OVER \$25,000 FOR RESEARCH AND DEVELOPMENT

FISCAL YEAR 1987

(AMOUNTS IN THOUSANDS)

R&D	CONTRACTOR NAME	STATE	DEPT	R&D DESCRIPTION	
AZ16 (CONTINUED)					
	VERSAR, INC	Virginia	USAF	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	\$ 74
	VISTA CONTROLS INC	California	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	50
	VREULS RESEARCH CORPORATION	California	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	144
	WESTINGHOUSE ELECTRIC CORP	Maryland	ARMY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	891
	XMCO INC	Virginia	NAVY	RDTE/OTHER RESEARCH & DEVELOPMENT-MGMT SUP	56
					133,004
	R&D TOTAL				\$ 21,809,069
	GRAND TOTAL FOR R&D				

END

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